



MACMILLAN AND CO., Limited
LONDON • BOMBAY • CALCUTTA • MADRAS
MELBOURNE

THE MACMILLAN COMPANY
NEW YORK • BOSTON • CHICAGO
DALLAS • ATLANTA • SAN FRANCISCO

THE MACMILLAN COMPANY
OF CANADA, LIMITED
TORONTO

INTERNATIONAL INSTITUTE EXAMINATIONS ENQUIRY

AN
ENGLISH BIBLIOGRAPHY
OF EXAMINATIONS
(1900-1932)

BY
MARY C. CHAMPNEYS

WITH A FOREWORD
BY
SIR MICHAEL SADLER AND SIR PHILIP HARTOG

MACMILLAN AND CO., LIMITED
ST. MARTIN'S STREET, LONDON

1934

COPYRIGHT

PRINTED IN GREAT BRITAIN

CONTENTS

	PAGES
FOREWORD	v
EXPLANATORY NOTE	vii
NOTES OF PERIODICALS WHICH HAVE BEEN SCANNED	ix
LIST OF ABBREVIATIONS USED IN REFERENCES	xiii
BIBLIOGRAPHIES	xvii
PUBLICATIONS BEARING ON THE GENERAL HISTORY OF EDUCATION WITH SPECIAL REFERENCE TO EXAMINATIONS	xviii <i>and 141 (Add.)</i>
BIBLIOGRAPHY OF REFERENCES TO BOOKS, ARTICLES IN PERIODICALS, ETC., PUBLISHED IN GREAT BRITAIN, 1900-1932	1

FOREWORD

As a result of a conference on examinations held under the auspices of the Carnegie Corporation, the Carnegie Foundation, and the International Institute of Teachers College, Columbia University, at Eastbourne in 1931,¹ committees for the investigation of problems relating to examinations have been set up in England, Scotland, France, Germany and Switzerland, to which the Carnegie Corporation has offered a grant for three years through the International Institute of Teachers College, Columbia University, New York. The English Committee consists of the following : Sir Michael Sadler, K.C.S.I. (Chairman), Dr. P. B. Ballard, Dr. C. Delisle Burns, Professor Cyril Burt, Sir Philip Hartog, K.B.E. (Director), Professor Sir Percy Nunn, Professor C. Spearman, F.R.S., and Professor Godfrey H. Thomson (replacing the late Professor Graham Wallas, who was an original member of the Committee). The address of the English Committee is 1, Plowden Buildings, Temple, London, E.C. 4.

The present Bibliography has been prepared by Mrs. Mary C. Champneys under the direction of the undersigned. It will be seen that the main portion of the book consists of a Bibliography of references to books and articles in periodicals published in Great Britain from 1900 to 1932, but, in addition, one of us (M.E.S.) has contributed a list of publications bearing on the general history of education which have influenced the examination question since 1770 onwards. A very small number of books published outside Great Britain, *e.g.* the Report of the Calcutta University Commission, have been included in the Bibliography for special reasons.

In response to a letter sent to the Press in March, 1933, about thirty persons interested in the subject kindly volunteered to look through the first proofs, with a view to suggestions for corrections and additions ;

¹ The Report of the Eastbourne Conference on Examinations, edited by Professor Paul Monroe, Director of the International Institute, was published by the Bureau of Publications, Teachers College, Columbia University, New York City, in 1931. (See p. 40 below.)

and the Committee are greatly indebted to them for their valuable assistance, which has, we believe, materially increased the interest of the publication.

The mass of material published on the subject is so great that it was necessary to limit the size of the Bibliography, but it is hoped that the precautions taken have been sufficient to ensure that few publications of any real importance have been overlooked.

The Bibliography does not include periodicals such as Regulations and Calendars of examining bodies. The Committee have in preparation a list of examining bodies and of examinations to be issued as a separate publication, and will gratefully receive communications with regard thereto from any public examining body with whom they have not already entered into communication.

M. E. SADLER.

P. J. HARTOG.

EXPLANATORY NOTE

THE entries in the Bibliography are mainly given in the order of what is technically known as an Author-Index, but some further explanations are necessary.

In the very numerous cases in which an entry relates to a contribution to an educational periodical such as the *Journal of Education* or the *Times Educational Supplement* or to the proceedings of an association such as the British Association for the Advancement of Science, or the Assistant Masters' Association, the main entry is given under the relevant periodical or association with a cross-reference under the name of the author.

For the purpose of cross-references abbreviations are used which are explained in the List of Abbreviations (pp. xv-xix). In this list titles of periodicals are printed in roman and titles of Associations in italic type. The list is drawn up in the alphabetical order of the unabbreviated titles of the periodicals and associations dealt with in the Bibliography.

Apart from author entries there are certain subject-entries (*e.g.* group-tests) with cross-references to the main entries.

Full details of the periodicals scanned are given on pp. xi-xiii with indications of any changes of title, etc.

In the section 'Publications bearing on the General History of Education' the entries are given in chronological and not in alphabetical order.

M. C. C.

NOTES OF PERIODICALS WHICH HAVE BEEN SCANNED FOR THE YEARS 1900-1932 INCLUSIVE.

- A.M.A.* (Journal of the Association of Assistant Masters in Secondary Schools), 1909-1932.
- Biometrika* (Cambridge) (Twice annually: Pts. I and II, May; Pts. III and IV, Nov.), 1901 (Vol. I)-1932 (Vol. XXIV).
- British Journal of Educational Psychology*, see *Training College Record* below.
- British Journal of Psychology* (Cambridge) (Four times annually), 1904-1932.
- British Medical Journal* (London) (Weekly), 1900-1932.
- Child Study* (Journal of the Child Study Society), 1908 (April) (Vol. I)-1920 (December) (Vol. XIII) (ceased publication); *Child Study Society, Proceedings*, 1921-1922 (Vol. I)-1930 (Vol. IX).
- Contemporary Review, The* (London) (Monthly), 1900-1932.
- County Schools Review, The* (Cardiff) (Quarterly) (Organ of the Welsh County Schools Association), 1909 (June) (Vol. I, No. 1)-1925 (April) (Vol. XI, No. 3); continued as *The Welsh Secondary Schools Review*, 1926 (March) (Vol. XII, No. 1)-1932 (Lent and Summer Terms) (Vol. XVIII, No. 1).
- Edinburgh Review, The* 1900-1929 (ceased publication).
- Education* (London) (Weekly), 1903-1932.
- Education for the New Era* (London) (Quarterly), Jan. to Oct. 1920; continued as *The New Era*, 1921-1932.
- Education Outlook*, see *Educational Times, The*, below.
- Educational News, The* (Edinburgh) (Weekly), 1900-1917, and *Secondary School Journal* (Organ of the Educational Institute of Scotland), (Jan. 1908)-(Jan. 1917); continued as *Scottish Educational Journal*, 1918-1932.
- Educational Record, The* (London), 1900-1929 (ceased publication).
- Educational Research*, see *Head Teachers' Review* below.
- Educational Times, The* (London) (Monthly) (Journal of the College of Preceptors), 1904-1932 (Dec.); continued as *Educational Outlook and Educational Times*, 1924-1929 (Dec.); continued as *Education Outlook*, 1930-1932. See also under *Journ. Educn.*
- English Review, The* (London) (Monthly), 1908-1932.
- Eugenics Review, The* (London) (Quarterly) (Organ of The Eugenics Society), 1909-1932.

Fortnightly Review, The (London), 1900-1932.

Forum of Education, The, see *Training College Record* below.

Head Teachers' Review, The, and *Educational Research* (Supplement) (London) (Organ of the National Association of Head Teachers), 1910-1932.

History (London) (Quarterly) (Organ of the Historical Association), 1900-1932.

Human Factor, The, see *Nat. Inst. Indus. Psych. Journ.* below.

Independent School, The, see *Secondary Education* below.

Indian Education (London), 1902-1922 (ceased publication).

Journal of Careers, The, see *Monthly School Calendar* below.

Journal of Education, The (London) (Monthly), 1900-1918; continued as *Journal of Education and School World*, 1918-1929 (Dec.); continued as *Journal of Education, School World*, and *Educational Times*, 1930-1932.

Journal of Experimental Pedagogy, The, see *Training College Record* below.

Lancet, The (London) (Weekly), 1900-1932.

Law Journal, The: a weekly publication of Notes of Cases and Legal News (London), 1900-1932.

Law Times, The: *The Journal and Record of the Law and the Lawyers* (London) (Weekly), 1900-1932.

Mathematical Gazette, The (London) (Quarterly) (Organ of the Mathematical Association), 1900-1932.

Modern Language Quarterly, The (London), 1900-1904 (ceased publication).

Modern Language Teaching (London) (Quarterly), 1905-1918; continued as *Modern Languages* (Organ of the Modern Language Association), 1919-1932.

Monthly School Calendar, The (London) (Monthly), 1921-1925; continued as *Journal of Careers, The*, 1926-1932.

National Institute of Industrial Psychology. Journal (London) (Quarterly), 1922 (Jan.) (Vol. I)-1931 (Oct.) (Vol. V); continued as *Human Factor, The* (Monthly), 1932.

Nature (London) (Weekly), 1900-1932.

Nelsonian, The (London) (Three times annually), 1929 (Jan. No. 1)-1932 (Jan. No. 10), (May and Sept. Nos. 1932 not published).

New Age, The (London) (Weekly), 1900-1932.

New Era, The, see *Education for the New Era* above.

Nineteenth Century, The (London) (Monthly), 1900-1932.

Parents' Review, The (London) (Monthly), 1900-1932.

Parthenon, The (Journal of the Incorporated Association of Architects and Surveyors) (London), 1926 (Oct.)-1929 (Sept.) (Quarterly); 1929 (Nov.)-1932 (Nov.) (Two-monthly); 1932 (Dec.) (Monthly).

Preparatory Schools Review, The (London) (Quarterly), 1900-1932.

Progress (Organ of the British Institute of Social Service) (London) (six times annually), 1906-1932.

Quarterly Review, The (London), 1900-1932.

Royal Society of Arts, Journal of The, (London) (Weekly), 1900-1932.

Royal Statistical Society, Journal of the, 1920-1932.

Saturday Review, The (London) (Monthly), 1900-1932.

School (London), 1904-1909 (ceased publication).

School Board Chronicle, The (London), 1900-1902; continued as *School Government Chronicle, The*, 1903-1932; (Weekly, continued after 1929 as Monthly).

School Guardian, The (London) (Monthly), 1900-1932.

Schoolmaster, The (London) (Weekly), 1900-1932.

Schoolmistress, The (London) (Weekly), 1900-1932.

School Science Review, The (London) (Quarterly), 1920-1932.

School World, The, 1900-1918 (Monthly). See also *Journal of Education* above.

Scottish Educational Journal, The, see *Educational News, The*, above.

Secondary Education (London) (Organ of the Independent Schools' Association, Incorporated), 1900-1928; continued as *The Independent School*, 1929-1932.

Secondary School Journal, The, see *Educational News* above.

Secretary, The (Organ of the Chartered Institute of Secretaries) (London) (Monthly), 1900-1932.

Solicitors' Journal and Weekly Reporter, The, (London) (Weekly), 1900-1932.

Spectator, The (London) (Weekly), 1900-1932.

Teacher, The (London) (Weekly), 1903; continued as *Woman Teachers' World*, 1904-1913; continued as *Teachers' World*, 1913-1932.

Teachers' Guild Quarterly, The (London), 1901-1921.

Teachers' World, The, see *Teacher, The*, above.

Technical Journal, The (Organ of the Association of Teachers in Technical Institutions) (London) (Monthly), 1911-1932.

Times Educational Supplement (London) (Weekly), 1910-1932.

Training College Record, The (London), 1908-1910; continued as *Journal of Experimental Pedagogy, The*, 1911-1922; continued as *Forum of Education*, 1923-1930 (Birmingham); continued as *British Journal of Educational Psychology* (Birmingham) (Three times annually), 1931-1932.

Universities Review, The, see *University Bulletin* below.

University Bulletin, The (Organ of the Association of University Teachers) (Bristol) (Twice annually), 1922 (Jan.) (Vol. I, No. 1)-1924 (June); and continued as *The Universities Review*, 1928 (Oct.) (Vol. I, No. 1)-1932 (Oct.) (Vol. IV).

University Review, The (London) (Monthly), 1905 (May)-1909 (Apr.) (ceased publication).

Week End Review, The, 1930 (March) -1932.

Welsh Secondary Schools Review, The, see *County Schools Review, The*, above.

Woman Teachers' World, The, see *Teacher, The*, above.

LIST OF ABBREVIATIONS USED IN REFERENCES

	ABBREVIATION
Addendum (p. 141)	Add. (p. 141)
Association of Assistant Masters in Secondary Schools, Incorporated	Assn Asst Mstrs
Association of Assistant Masters in Secondary Schools, Incorporated, Journal of	A.M.A.
Association of Assistant Mistresses in Secondary Schools, Incorporated	Assn Asst Mstrsses
Association of Directors & Secretaries of Education	Assn Dir. & Sec. Educn
Association of Education Committees	Assn Educn Cttees
Association of Headmasters, Incorporated	Assn H.-mstrs
Association of Headmistresses	Assn H.-mstrsses
Association of Municipal Corporations	Assn Mun. Corp.
Association of Preparatory Schools, Incorporated	Assn Prep. Sch.
Association of Teachers of Domestic Subjects	Assn of T. of Dom. Sub.
Association of Teachers in Technical Institutions	Assn of T. in Tech. Inst.
Association of Technical Institutions	Assn of Tech. Inst.
Association of University Teachers	Assn Univ. Tchrs
Barnsley Education Committee	Barnsley Educn Cttee
<i>Biometrika</i>	<i>Biom.</i>
Birmingham Education Committee	Birm. Educn Cttee
Birmingham University	Birm. Univ.
Board of Education	B. of E.
Bristol Education Committee	Bristol Educn Cttee
Bristol University	Bristol Univ.
British Association	B.A.
British Commonwealth Education Conference	Brit. Comm. Educn Conf.
<i>British Journal of Educational Psychology</i>	<i>Brit. Journ. Educnl Psych.</i>
<i>British Journal of Psychology</i>	<i>Brit. Journ. Psych.</i>
British Medical Association	B.M.A.
<i>British Medical Journal</i>	<i>B.M. Journ.</i>
British Psychological Society	Brit. Psych. Soc.
Calcutta University Commission	Calc. Univ. Comm.
Cambridge University	Camb. Univ.

	ABBREVIATION
<i>Indian Education</i>	<i>Ind. Educn</i>
<i>Indian Mathematical Society Journal</i>	<i>Ind. Math. Soc. Journ.</i>
Industrial Fatigue Research Board	Indus. Fat. Res. Bd
Insurance Institute of London	Insur. Inst. Lond.
<i>Journal of Careers</i>	<i>Journ. Car.</i>
<i>Journal of Education</i>	<i>Journ. Educn</i>
<i>Journal of Educational Research</i>	<i>Journ. Educnl Res.</i>
<i>Journal of Experimental Pedagogy</i>	<i>Journ. Exp. Ped.</i>
Kent Education Committee	K.E.C.
<i>Law Journal</i>	<i>Law Journ.</i>
Leicestershire County Council	Leices. C.C.
London County Council	L.C.C.
London School Board	Lond. Sch. Bd
London Teachers' Association	Lond. Tchrs Assn
London University	Lond. Univ.
Manchester and Salford Education Association	Manch. Salf. Educn Assn
Manchester County Borough Education Committee	Manch. Co. B. Educn Cttee
Mathematical Association	Math. Assn
<i>Mathematical Gazette</i>	<i>Math. Gaz.</i>
Metropolitan Board Teachers' Association	Met. Bd Tchrs' Assn
Middlesex Education Committee	Midsx Educn Cttee
Midland Education Union	Mid. Educn Un.
Modern Language Association	Mod. Lang. Assn
<i>Modern Language Quarterly</i>	<i>Mod. Lang. Quart.</i>
<i>Modern Language Teaching</i>	<i>Mod. Lang. Teach.</i>
<i>Modern Languages</i>	<i>Mod. Languages</i>
<i>Monthly School Calendar</i>	<i>Month. Sch. Cal.</i>
National Association of Head Teachers	Nat. Assn Head Tchrs
National Association of Schoolmasters	Nat. Assn Sch.-mstrs
National Education Association	Nat. Educn Assn
National Federation of Class Teachers	Nat. Fed. Cl. Tchrs
National Federation of Head Teachers	Nat. Fed. Hd Tchrs
<i>National Institute of Industrial Psychology Journal</i>	<i>Nat. Inst. Ind. Psych. Journ.</i>
<i>National Review</i>	<i>Nat. Rev.</i>
National Union of Teachers	N.U.T.
National Union of Women Teachers	N.U.W.T.
New Education Fellowship	New Educn Fell.
<i>Nineteenth Century</i>	<i>Ninet. Cent.</i>
North of England Education Conference	N. of Eng. Educn Conf.
Oxford University	Oxf. Univ.
Parents' Association	Par. Assn

	ABBREVIATION
<i>Universities Review, The</i>	<i>Univ. Rev.</i>
<i>University Review</i>	<i>Univ. Rev.</i>
Wakefield Education Committee	Wakef. Educn Cttee
Welsh County Schools' Association	Welsh Co. Sch. Assn
<i>Welsh Secondary Schools Review</i>	<i>Welsh Sec. Sch. Rev.</i>
West Riding Association of Organising Masters for Technical Education	West Rid. Assn Org. Mstrs Tech. Educn
West Riding County Council	West Rid. C.C.
<i>Woman Teacher, The</i>	<i>Wom. Tchr.</i>

BIBLIOGRAPHIES

1928. Board of Education, Subject Lists of Books and Papers in the Board of Education Library, No. 3. Psychological Tests, I. General Survey or Introduction to Subject (including Bibliographies); II. Tests of Intelligence and Character (Individual Tests, Group Tests, etc.); III. Pedagogical Tests; IV. Vocational Tests; V. Relation of Tests to Normal Examinations; VI. Correlation between Physical and Mental Development; VII. Practical Application of Tests; VIII. Statistics and Mathematical Treatment of Data relating to Tests (H.M. Sta. Off.: London).
1932. Percy, Lord Eustace, The Year Book of Education, 1932, 546, Bibliography. I. England and Wales. A. Official Publications. B. Other Publications; II. Scotland. (Evans Bros. Ltd.: London.)
1933. Hildreth, Gertrude H., Bibliography of Mental Tests and Rating Scales: IV. Tests of Mental Capacity; V. Mental Functions—Single Tests; VI. Performance Tests—Form Boards and Mazes; VII. Psycho-Motor-Tests; VIII. Achievement and Educational Tests; IX. Fine Arts Tests; X. Character and Personality Tests; XI. Vocational Tests, etc. (The Psychological Corporation: New York.)
- See also *Encycl. Brit.*, Bibliographies at end of Articles on Examinations; and under Rugg, Harold O., 1917.

	ABBREVIATION
Parents' National Educational Union, Incorporated	P.N.E.U.
<i>Parents' Review</i>	<i>Par. Rev.</i>
Preparatory Schools, Association of, Incorporated	Prep. Sch. Assn
<i>Preparatory Schools Review</i>	<i>Prep. Sch. Rev.</i>
Public Schools Commission	Pub. Sch. Comm.
Publications bearing on the General History of Education with special reference to Examinations (see pp. xviii-xxiv and 141 below).	Gen. Hist. Educn.
Royal Commission on Civil Service	Roy. Comm. C.S.
Royal Commission on Oxford and Cambridge Universities	Roy. Comm. Oxf. Camb. Univ.
Royal Society of Arts	R.S.A.
<i>Royal Society of Arts, Journal</i>	<i>R.S.A. Journ.</i>
<i>Royal Statistical Society, Journal</i>	<i>J.S.S.</i>
<i>Saturday Review</i>	<i>Sat. Rev.</i>
<i>School Board Chronicle</i>	<i>Sch. Bd Chron.</i>
<i>School Government Chronicle</i>	<i>Sch. Gov. Chron.</i>
<i>School Guardian</i>	<i>Sch. Guar.</i>
<i>School Science Review</i>	<i>Sch. Sci. Rev.</i>
<i>School World, The</i>	<i>Sch. Wor.</i>
<i>Schoolmaster, The</i>	<i>Sch.-mstr</i>
<i>Schoolmasters' Year Book</i>	<i>Sch.-mstrs' Yr Bk</i>
<i>Schoolmistress, The</i>	<i>Sch.-mistress</i>
Science Masters' Association	Sci. Mstrs Assn
Scottish Art Teachers' Association	Scott. Art Tchrs Assn
<i>Scottish Educational Journal</i>	<i>Scott. Educnl Journ.</i>
<i>Secondary Education</i>	<i>Sec. Educn</i>
Secondary Education Association, Scotland	Sec. Educn Assn Scot.
Secondary Schools Association	Sec. Sch. Assn
<i>Secondary Schools Journal</i>	<i>Sec. Sch. Journ.</i>
<i>Secretary, The</i>	<i>Secy</i>
Sociological Society	Sociol. Soc.
<i>Solicitors' Journal and Weekly Reporter, The</i>	<i>Solicrs' Journ.</i>
<i>Spectator, The</i>	<i>Spect.</i>
<i>Teachers' College Record</i>	<i>Tchrs Coll. Rec.</i>
Teachers' Guild	Tchrs Guild
<i>Teachers' Guild Quarterly</i>	<i>T.G.Quart.</i>
Teachers' Registration Council, The	Tchrs Reg. Co.
<i>Teachers' World</i>	<i>Tchrs Wor.</i>
<i>Technical Journal</i>	<i>Tech. Journ.</i>
<i>Times Educational Supplement</i>	<i>T.E.S.</i>
Union of Educational Institutions	Un. Educnl Inst.
United States Department of the Interior	U.S. Dept. Int.

Universities Review, The
University Review

Wakefield Education Committee

Welsh County Schools' Association

Welsh Secondary Schools Review

West Riding Association of Organising Masters
for Technical Education

West Riding County Council

Woman Teacher, The

ABBREVIATION

Univers. Rev.

Univ. Rev.

Wakef. Educn Cttee

Welsh Co. Sch. Assn

Welsh Sec. Sch. Rev.

West Rid. Assn Org.

Mstrs Tech. Educn

West Rid. C.C.

Wom. Tchr.

BIBLIOGRAPHIES

1928. Board of Education, Subject Lists of Books and Papers in the Board of Education Library, No. 3. Psychological Tests, I. General Survey or Introduction to Subject (including Bibliographies); II. Tests of Intelligence and Character (Individual Tests, Group Tests, etc.); III. Pedagogical Tests; IV. Vocational Tests; V. Relation of Tests to Normal Examinations; VI. Correlation between Physical and Mental Development; VII. Practical Application of Tests; VIII. Statistics and Mathematical Treatment of Data relating to Tests (H.M. Sta. Off.: London).
1932. Percy, Lord Eustace, The Year Book of Education, 1932, 546, Bibliography. I. England and Wales. A. Official Publications. B. Other Publications; II. Scotland. (Evans Bros. Ltd.: London.)
1933. Hildreth, Gertrude H., Bibliography of Mental Tests and Rating Scales; IV. Tests of Mental Capacity; V. Mental Functions—Single Tests; VI. Performance Tests—Form Boards and Mazes; VII. Psycho-Motor Tests; VIII. Achievement and Educational Tests; IX. Fine Arts Tests; X. Character and Personality Tests; XI. Vocational Tests, etc. (The Psychological Corporation: New York.)
- See also *Encycl. Brit.*, Bibliographies at end of Articles on Examinations; and under Rugg, Harold O., 1917.

PUBLICATIONS BEARING ON THE GENERAL HISTORY OF EDUCATION WITH SPECIAL REFERENCE TO EXAMINATIONS

1770. Goldsmith, Oliver, *The Life of Thomas Parnell*, 3 (Entrance Examinations to Trinity College, Dublin, more difficult than at Oxford and Cambridge). (T. Davies : London.)
1776. Smith, Adam, *An Inquiry into the Nature and Causes of the Wealth of Nations* ; edited . . . by Edwin Cannan, Vol. II, 270 (Examination or probation . . . before setting up in trade) (2 vols. 2nd ed.). (Methuen & Co. : London, 1920.)
1790. Burke, Edmund, *Reflections on the French Revolution*, with a Prefatory Note by Sidney Lee (evidence of French revolutionary thought on English opinion). (Methuen's Standard Library : London, 1905.)
1816. Bentham, Jeremy, *Extract from the Proposed Constitutional Code entitled Official Aptitude Maximized, Expense Minimized*. (Printed for the Author by Robert Heward, 1839.)
1827. Bentham, Jeremy, *The Works of Jeremy Bentham published under the superintendence of his executor, John Bowring*, Vol. IX, *The Constitutional Code* (first printed in 1827) *Reform of the Civil Service*. (Tait : Edinburgh, 1843.)
- 1850-52. Oxford University Commissioners' Report. (H.M. Stationery Office.)
- Cambridge University Commissioners' Report. (H.M. Stationery Office.)
1854. Chetham Society's Publications, Vol. 32, *The Private Journal and Literary Remains of J. Byrom*, Edited by R. Parkinson, 81, description of his examination in 1709. (Manchester.)
- Huxley, Thomas H., *On the Educational Value of the Natural History Sciences*, 30 (leave out the Physiological Sciences from your curriculum, and you launch the student into the world undisciplined in that science whose subject-matter would best develop his powers of observation). (Johan Van Voorst : London.)
- Report of the Commissioners on the Organization of the Permanent Civil Service (Sir Stafford Northcote and Sir Charles Trevelyan). (Eyre & Spottiswoode : London.)
- Civil Service Reform. *Observations upon the Report by Sir C. E. Trevelyan and Sir S. H. Northcote on the "Organization of the Permanent Civil Service" with quotations from the leading Journals, the Debate in the House of Lords, etc.* By a Civil Subaltern. (William Edward Painter : London.)

1855. Papers on the Re-organisation of the Civil Service. (Eyre & Spottiswoode : London.)
1857. Acland, Thomas Dyke, Middle Class Education : Schemo of the West of England Examination and Prizes ; . . . Mr. Temple's Scheme of Examinations. (J. Ridgway : London.)
1858. Acland, Thomas Dyke, Some account of the origin and objects of the New Oxford Examinations for the Title of Associate in Arts and Certificates for the year 1858 ; also letters from J. Hullah, W. Dyce, J. Ruskin, G. Richmond and F. Temple ; and selected Papers relating to the West of England Examination. (J. Ridgway : London.)
1861. Report of Commission appointed to inquire into the State of Popular Education in England (Chairman : Duke of Newcastle), Vol. I, 329-330, Examinations in reading, writing, and arithmetic. (Eyre & Spottiswoode : London.)
1864. Public Schools Commission, Report. (H. M. Stationery Office.)
1865. Remarks upon the Report of the Public Schools' Commission, 15, Is Scholarship to be considered the sole test of the value of an education which a school gives, etc. (Printed for private circulation by E. P. Williams : Eton.)
1868. Lowe, Robert, Middle Class Education : Endowment or Free Trade (Criticism of Report of Commission on Middle Class Education, 22, *seqq.*, Scholarships, etc.). (Robert John Bush : London.)
- Pattison, Mark, Suggestions on Academical Organisations, with special reference to Oxford, Section 6, Of the Studies Preliminary to the Degree (Pass & Class, The Pass Examinations) (Effect of compulsory examination on intellect and character), The Examinations for Honours (extravagant use of examination system), Liberal Studies (Arts) and Special Studies (Science) (London University B.Sc. Degree, Moderations, Final Examination, etc.). (Edmonston & Douglas : Edinburgh.)
- Schools Inquiry Commission, Report. (H.M. Stationery Office.)
See also under 1906, Sandford, G., below.
1873. Royal Commission on Scientific Instruction, Third Report, VIII, I. The Course of Study and the Examinations, Matriculation and Entrance Examinations, Proposed Examinations on Leaving School, Proposed arrangements with regard to Scientific Curriculum, Proposed University Scholarships in Natural Science. (Eyre & Spottiswoode : London.)
- 1873-1911. Mullinger, James Bass, The University of Cambridge. Vol. I (1873), From the Earliest Times to the Royal Injunctions of 1535, Vol. II (1884), From the Royal Injunctions of 1535 to the Accession of Charles I, Vol. III (1911), From the Election of Buckingham to the Chanceryship in 1626 to the Decline of the Platonist Movement. (Cambridge University Press : Camb. and London.)
1874. Oxford & Cambridge Universities Commission, Report. (H.M. Stationery Office.)
1875. Civil Service Inquiry Commission, First, Second and Third Reports. (H.M. Stationery Office.)
1876. Sayce, Archibald H., The Results of the Examination System at Oxford (Essays on the Endowment of Research). (Henry S. King & Co. : London.)

1877. Latham, Henry, On the Action of Examinations considered as a means of selection, Chap. I. Introductory; II. General View of the action of examinations; III. Historical Notices. Disputations; IV. The Cambridge Mathematical Tripos; V. The Functions of Examinations. Selection; VI. Examinations as a Test of Knowledge; VII. Prizo Emoluments in Education; VIII. Examinations for College Fellowships, Scholarships, etc. (Deighton Bell & Co.: London.)
- 1877-81. Oxford University Commission, Report. (H.M. Stationery Office.)
1878. Livery Companies of London, Technical Education, Report of the Executive Committee to the General Committee of certain of the Livery Companies of London, Sir William Armstrong's Report, 87, Examination and Testing of the Classes; Sir H. Trueman Wood's Report, 35, Examinations. (Printed for Private Circulation.)
Nineteenth Century, Apr., 647 *seqq.*, The Good and Evil of Examination (Alfred Barry).
1881. Huxley, Thomas, Science and Culture and other essays. II. Universities actual and social, 49, Science and the Medical Curriculum, 59 *seqq.* (Examination . . . is an indispensable accompaniment of teaching; but . . . a necessary evil.). (Macmillan & Co.: London.)
1882. Fitch, Sir Joshua, Lectures on Teaching delivered in the University of Cambridge during the Lent Term, 1880, II. The School, its aim and organization, 60-62, Entrance Examination, VI. Examining. (University Press: Cambridge.)
1885. Sonnenschein, A., The Truth about Elementary Education, 11 *seqq.*: History of English Elementary Education. (Sonnenschein & Co., London.)
1888. Mullinger, J. Bass, A History of the University of Cambridge, Chap. XII, Cambridge in relation to National Education (Institution of the Local Examinations, extension of the design to women, further extension to highest grade schools, the Certificates invested with a University value, inclusion of girls' highest grade schools. (Longmans, Green & Co.: London.)
Royal Statistical Society Journal, Sept., 599 *seqq.*, The Statistics of Examinations (F. Y. Edgeworth).
1889. Ball, W. W. Rouse, A History of the Study of Mathematics at Cambridge, Chap. V, 80, Richard Bentley, 1662-1742, Introduction of examination by written papers, Chap. X, The Mathematical Tripos, 187 *seqq.*, Origin of the Tripos, circ. 1725, Character of the examination 1750 to 1763, etc., etc., 193, Written Examinations introduced by Bentley in 1702. (Cambridge University Press: Camb. and London.)
 Herbert, Auberon (Ed.), The Sacrifice of Education to examination: Letters from "all sorts and conditions of men." (Williams & Norgate, Ltd.: London.)
1890. *Royal Statistical Society Journal*, Dec., 644 *seqq.*, The Elements of Chance in Competitive Examinations (F. Y. Edgeworth).
1895. Rashdall, Hastings, The Universities of Europe in the Middle Ages. 2 vols. (Clarendon Press: Oxford.)
- Thornton, J. S., The Beginnings of Local Examinations. (*Oxford University Extension Gazette*, April, 1895.)

1897. College of Preceptors, Fifty Years of Progress in Education: A Review of the Work of the College of Preceptors from its Foundation in 1846 to its Jubilee in 1896, 13-16, The Examination of Schools, sanctioned, 36-37, Expansion of Examination Work. (Printed for private circulation: London.)

International Congress on Technical Education, Report of the Proceedings of the 4th Meeting held in London, June, 1897, 77 *seqq.*, The Influence of various Examining Bodies on the Progress of Technical & Commercial Education in England (J. Wertheimer), 83 *seqq.*, The Society of Arts' Examinations (Sir Henry Trueman Wood). (Published by Royal Society of Arts; printed by William Trousce: London.)

1898. Sargeaunt, John, Annals of Westminster School, 21-22, 75, 161, Election of Minor Candidates; Matriculation at Oxford and Cambridge, 1606 to 1621; etc. (Methuen & Co.: London.)

1899. Scott, R. P., 'What is Secondary Education?' Essays on the Problems of Organization. (Rivingtons: London.)

1900. Laurie, S. S., Historical Survey of Pre-Christian Education, 104-152, Education in China, its general character and aim, the external organisation of the examination system, the examinations, rewards of success in the examinations, etc. (Longmans, Green & Co.: London.)

1902. Dixon, W. Macneile, Trinity College, Dublin, 77, Public Entrance Examinations at fixed times first established in 1759, 172-174, The College Examination, a Poem, 1731, 186, Changes in system of examinations, 191, Examinations conducted orally; in Latin until 1853. (College Histories: Dublin; F. E. Robinson: London.)

De Montmorency, James Edward Geoffrey, State Intervention in English Education: a short History from the Earliest Times down to 1833 (including Ireland, Scotland, Wales, the Colonies). (Cambridge University Press: Camb. and London.)

1903. Balfour, Graham, The Educational Systems of Great Britain and Ireland (Various sections on examinations), 2nd Ed. (first publ. 1898). (Clarendon Press: Oxford.)

Law Journal, Aug. 8: 409, The Law Society and a School of Law (History of the Society's efforts to establish a School of Law).

Schoolmasters' Year Book, Pt. III, 31, 33-34, System of Secondary Education in Wales, Central Welsh Board and Examination System (Arthur Clendon).

Wood, Sir Henry Trueman, The Society of Arts' Examinations. (*R.S.A. Journ.* 1903, Aug. 28: 799 *seqq.*)

1904. Webb, Sidney James (Baron Passfield), London Education: The Evolution of an Educational System, etc., 25-26, London Scholarship system. (Longmans & Co.: London.)

1905. Hobhouse, L. T., and J. L. Hammond, Lord Hobhouse: a Memoir, Chap. II, The Endowed Schools Commission. (Edward Arnold: London.)

1906. Sandford, E. G., Memoirs of Archbishop Temple, Vol. I, 128-132, University Local Examinations, examination of middle class schools in the West (1851), Adoption of the scheme for Oxford and Cambridge Local Examinations (1857-58), 139-40, Desirability of open competition, 144, Report of the Schools Inquiry Commission (March, 1868), 146, Teachers and Examinations, 194, Establishment of Open Scholarships, Vol. II, 540, 546-549, Oxford and Cambridge Local Examinations, 553-5, Examination of Middle Schools by an external body. (Macmillan & Co.: London.)

1907. Board of Education, General Report on the instruction and training of pupil-teachers, 1903-1907, with historical introduction.
(National Union of Teachers, Memorandum circulated to Members (giving History of the System).)
1908. Arnold, Matthew, Reports on Elementary Schools 1852-1882, New Edition, with additional matter and appendices, and with an introduction by F. S. Marvin, Introduction, xvii, xxvi, denouncement of Revised Code and annual examinations; Report for 1867, 113 *seqq.*, payment by results; General Report for the year 1869, 123 *seqq.*, payment by results, examination results illusive, cramming the class subjects, examination defeats inspection, reduce examination influence; Report for 1882, 227, the prevalence of cramming, the New Code, overpressure. (Published by the Board of Education. (H. M. Sta. Off.: London.)
- Binns, Henry B., A Century of Education. (J. M. Dent & Sons, Ltd.: London.)
1909. Strong, John, A History of Secondary Education in Scotland. (Clarendon Press: Oxford.)
1912. Rait, Robert S., Life in the Mediaeval University, Chap. VIII. Subjects of Study, Lectures, Examinations, at Paris, Louvain, and Oxford. (Cambridge University Press: Camb. and London.)
- 1912-13. Wood, Sir Henry Trueman, History of the Royal Society of Arts (*R.S.A. Journ.* 1912, 208, 235, 263, 527, 732, 764, 815, 1005; 1913, 154, 188.)
1914. *Law Journal*, May 2: 275-276, The Inns of Court and Legal Education, I. Introduction; May 16: 305-307, II. The Rise and Fall of the Schools of Law; June 20: 375-377, The Present System; June 27: 391-393, IV. Standards and Prospects of Reform (Legal Education abroad, France, Germany, U.S., Canada).
1915. *Secondary Education*, March, 29-32; May, 50, College of Preceptors: a forgotten Chapter in the History of Education (J. S. Thornton.)
1918. Williams, Gwladys Perrie, Welsh Education in Sunlight and Shadow, Introduction (History of Modern Welsh Education). (Constable & Co.: London.)
1921. Archer, R.E., Secondary Education in the Nineteenth Century (1789-1918). Chap. I. The Dawn; Chap. II. Classical Humanism; Chap. III. The Revival in the Public Schools; Chap. IV. New Types of Education; Chap. V. The Scientific Movement; Chap. VI. First State Intervention: The Royal Commissions; Chap. VII. The Age of the Prophets; Chap. VIII. The Work of individual endeavour (the predominance of examinations); Chap. IX. The Reform of Female Education; Chap. X. Popular and Technical Education; Chap. XI. Education in Wales; Chap. XII. The Modern State System, 316. disappearance of payment by results, 317, difficult problem of the right selection of children aged twelve by competitive examination; Chap. XIII. Changes in Curriculum and Methods. (University Press: Cambridge.)
- Boyd, William, The History of Western Education. (A. C. Black: London.)
1922. Foster, Sir Thomas Gregory, The University of London. (University Press: London.)
- Law Journal*, June 17: 203-205, Proposed Imperial School of Law (Sir Albert K. Rolit, Sir Walter Trower, J. Wreford Budd, Samuel Garrett).

1923. Mansbridge, Albert, *The Older Universities of England*, Oxford and Cambridge; Chap. X. *Adaptation to a Democratic Age*; XI. *The Royal Commission and the Twentieth Century*, etc. (Longmans, Green & Co.: London.)
1924. Chambers's *Encyclopædia*, New Ed., Vol. IV. Article on Education, including England, Scotland, Ireland, Wales, Canada, Australia, New Zealand, S. Africa, India, Germany, France, U.S.A., Japan.
 Sadler, Sir Michael, *Progress of Education in England, 1823-1923* (Birkbeck College Centenary Lectures). (University of London Press, Ltd.: London.)
1925. Birchenough, C., *History of Elementary Education in England and Wales from 1800 to the Present Day*. (W. B. Clive: London.)
 Sargeant, John, *A History of Bedford School* (Ed. Ernest Hockliff), 624, Trustees claim (1820) powers of examination . . . and demand to be present at the examination in Latin and Greek conducted by the visitors appointed by New College, 260, Demand for copy of report of visitors (1862). (F. R. Hockliffe: Bedford; T. Fisher Unwin: London.)
1926. Humberstone, Thomas Lloyd, *University Reform in London*. Chap. II. *Early History*; Chap. III. *Bloomsbury*; Chap. IV. *The Selborne Commission*; Chap. V. *The Gresham Commission*; Chap. VIII. *The Haldane Commission*, etc. (George Allen & Unwin Ltd.: London.)
1927. Mallet, Sir Charles Edward, *A History of the University of Oxford*, Vol. I, *The Mediaeval University*, Vol. II, *The XVIIIth and XVIIIth Centuries*, Vol. III, *Modern Oxford*. (Methuen & Co.: London.) See also *Quart. Rev.*, 1928, Jan., 166 (Review of Vol. III by Sir Charles W. C. Oman (*Oxford Education dominated by desire to achieve success in Examinations*)).
 Morgan, Alexander, *Rise and Progress of Scottish Education*. (Oliver & Boyd: Edinburgh and London.)
 Stewart, George, *The Story of Scottish Education*. (Sir Isaac Pitman & Sons, Ltd.: London.)
1928. Law Society, *Annual Provincial Meeting*, Oct. 2-6, *President's Address*, *Legal Education by the Society* (1836 onwards).
1930. Adamson, John William, *English Education. 1789-1902*, Pt. I, *Pre-Victorian*, Pt. II, *Earlier Victorian (1839-67)*, Pt. III, *Later Victorian (1867-1902)*. (Cambridge University Press: Camb. and London.)
 Flexner, Abraham, *Universities, American. English, German*, 243, *London University, external v. internal side*, 320, 321, *Examinations in Germany*. (Oxf. Univ. Press: London.)
Journal of Education, April, 272 *seqq.*, *The School Examinations of the College of Preceptors*.
1931. Kandel, I. L., *History of Secondary Education*. (G. G. Harrap & Co.: London; Cambridge, Mass., printed (1931) (Riverside Text-books in Education).)
 Scottish Council for Research in Education, *Education in Angus: an Historical Survey of Education up to the Act of 1872 from original and contemporary sources* (J. C. Jessop). (University of London Press, Ltd.: London.)
 Ward, Herbert, *Notes for the Study of English Education from 1900 to 1930*. (G. Bell & Sons: London.)

1932. Kotschnig, Walter M., and Elined Prys (Ed.), *The University in a Changing World: a Symposium* (Introduction, *The University in a Changing World*, *The French Conception of the University* (C. Bouglé), *Problems of the German University* (Martin Doerne), *Universities in Great Britain . . .* (Ernest Barker), *American Universities as Institutions of Learning* (Abraham Flexner), *Higher Education in the United States* (Clarence Shedd), etc. (Oxford Univ. Press: London.)

Law Society, Annual Provincial Meeting, Oct. 3-6, Presidential Address, (Charles Edward Barry), *History of the Society*, see *Law Times*, 1932, Oct. 8: 233.

Percy, Lord Eustace, *The Year Book of Education*, 1932. Pt. I. Great Britain and Northern Ireland: The Administration of the Public Service of Education; The Schools of Great Britain and Northern Ireland; Further Education—Technical and Art; The Universities; The Health Services; Special Schools, etc., Pt. II, The British Commonwealth of Nations. *See also under various countries*, Pt. III, Foreign Countries. *See also under various countries*. (Evans Brothers, Ltd.: London.)

Scottish Educational Journal, Dec. 30: 1592 *seqq.*, Sixty Years of Scottish Education (A Primary School in the Seventies, a Secondary School in the Eighties, From Secondary School to University, 1896 to 1918 (Leaving Certificate), The 1918 Act and after (J. C. Smith).

See also Addendum, p. 141, *below*.

BIBLIOGRAPHY OF REFERENCES

The Bibliography covers the period 1900-1932 (December)

A.M.A. (JOURNAL OF THE ASSOCIATION OF ASSISTANT MASTERS).

1909. Feb., 5-6, The Don and the Schoolmaster (in their relationship to matriculation and scholarship examinations) (H. J. Tiffen).
1911. March, 34, The Irish Intermediate System of Examinations.
1912. March, 45-46, A Neglected Aspect of Scholarship Examinations (Arnold Smith).
1913. Jan., 17, The Recognition of Certificate A. (D. J. Medley); Dec., 182-3, Matriculation and a Leaving Certificate.
1915. May, 68-71, The Dead Hand (Examination System in England, Scotland and Wales) (William P. Milne).
1917. Nov., 99 *seqq.*, Educational Reforms: a Comparison of Policies, Examinations and Scholarships (T. H. Botwell).
1927. Feb., 60; May, 118; July, 198-200, Examination Results (School Certificate of the Oxford and Cambridge Joint Board); June, 160-162, Candidates and Examiners; Oct., 270-271, Nov., 290-292, Wanted—a New Type of Examiner (W. J. R. Deeks).
1928. Sept., 204-206, Scientia. The End-all of Education; Nov., 254-255, The School Certificate. I. Some Comparisons, 258-9, Alternative Courses, 278-279, The School Certificate. II. Subject Requirements.
1929. June, 156-158, The Position of Geography in the First School Examination (J. M.); July, 189-190, Examinations and the Teaching of History; Sept., 222, Matriculation—an alternative, 224, Syllabus Planning and Examinations in Geography (A Reply to J. M.), 230, An Interchange with a New Zealand High School Master (Qualification for entrance to University, etc.), 232, Examinations and the Teaching of History; Dec., 312, Some Notes on Scottish Secondary Education (School and Higher Certificates).
1930. Feb., 60-62, Wanted—a New Technique (Examinations as a test; School Reports, etc.), 63, Sheffield Education Committee and Examination results; May, 112-114, The Physical Basis of Geography and the First School Examination (J. M.), 118, Teachers and the School Certificate—a plea for co-operation; July, 191, Entrance into the Civil Service; Nov., 296, Examinations (Burning question of the day) (J. M. Hughes).
1931. May, 122, 124, The School Certificate Examinations: Co-operation; Dec., 319-320, The Marking of School Certificate English, I. (Durham Experiment) (Charles Roberts and H. V. A. Briscoe).

A.M.A. (JOURNAL OF THE ASSOCIATION OF ASSISTANT MASTERS)—*Cont.*

1932. Jan., 38-39, The Marking of School Certificate English (Chief Examiner); Feb., 47, The Marking of School Certificate English (Chas. Roberts, H. V. A. Briscoe), 54, Multiplicity of Examinations (Russell Clegg); Mar., 78, The Marking of English, Durham Experiment (H. V. A. Briscoe); May, 100-102, The School Certificate—Matriculation Problem (C. A. E. Whish), The Marking of English (Frank Sandon); July, 176, The School Certificate, 184, First School Certificate, Standardisation of Marking (W. H. Jenkinson); Sept., 204-206, The Examination System in Swedish Secondary Schools (J. W. Roche), 216, The Marking of English (Chas. Roberts, W. H. D. Rouse); Nov., 204-206, The Classics and the School Certificate.

ABBOTT, P., *see under* Assn T. in Tech. Inst., 1914; *Journ. Educn*, 1932.

ABELL, H. G., *see under Journ. Educn*, 1925.

ABNEY, SIR WILLIAM DE W., *see under* B.A., 1904.

ACCREDITING SYSTEM, *see under* Assn H.-masters, 1908; Inglis, Alexander, 1922.

ACLAND, A. H. D., *see under* Nat. Educn Assn, 1907.

ACLAND, THOMAS DYKE, *see under* Gen. Hist. Educn, 1857, 1858.

ADAMS, F. G., *see under Educnl Res.*, 1932.

ADAMS, SIR JOHN.

1922. Modern Developments in Educational Practice, III. Standards and Mental Tests, IV. Scales of Attainments, XI. Psycho-Analysis in Education. (University of London Press: London.)

1924. Educational Movements and Methods: with an introduction by John Adams, VI. Intelligence Tests (T. Rayment). (G. G. Harrap & Co.: London.)

1930. The Teacher's Many Parts, Pt. II. Chap. XIV, 242, Examiner. (University of London Press: London.)

See also under B.A., 1912; Conf. Educnl Assns, 1920, 1922; *Educn*, 1920; *Educnl Times*, 1922; Hayward, F. H., 1912; *Journ. Educn*, 1929; Scotland: B.A., 1901.

ADAMSON, JOHN WILLIAM, *see under* Conf. Educnl Assns, 1904; Gen. Hist. Educn, 1930.

ADAMSON, L. A. (Melbourne), *see under* Cong. Univ. Emp., 1921.

ADKINS, FRANK J., *see under Sat. Rev.*, 1901, 1904.

ADLAM, G. H. J., *see under Sch. Sci. Rev.*, 1923.

AFRICA, SOUTH, *see* South Africa.

AGE, EFFECTS OF, IN SELECTIVE EXAMINATIONS, *see under Forum Educn*, 1925, 1928, 1929, 1930.

AGER, R. L., *see under* Conf. Educnl Assns, 1930; Mod. Lang. Assn, 1930.

AGRICULTURAL COLLEGES, ADMISSION TO, *see under* Fed. Conf. Educn, 1907.

AGRICULTURAL SCIENCE, *see under Journ. Educn*, 1928.

AIR FORCE, EXAMINATIONS FOR, *see* Percy, Lord E., Year Book 1932, 251 ;
and *under Journ. Educn*, 1928.

ALDEN, PERCY, *see under Progress*, 1922.

ALEXANDER, G. W., *see under* N. of Eng. Educn Conf., 1905.

ALGEBRA, *see* Mathematics.

ALISON, JOHN, *see under* Scotland: *Sec. Sch. Journ.*, 1908.

ALLBUTT, SIR T. CLIFFORD, *see under B.M. Journ.*, 1922 ; *Lancet*, 1905 ;
Sci.-mstrs Assn, 1909 ; Newman, Sir George, 1918.

ALLEN, CHARLES R., *see* Wright, J. C.

ALLEN, E. P., *see under Hum. Fac.*, 1932.

ALLISON, L. H., *see under* Mod. Lang. Assn, 1926 ; *Mod. Languages*, 1924.

ALMOND, H. H., *see under Fort. Rev.*, 1900.

AMBLESIDE EXAMINATIONS, *see under Prep. Sch. Rev.*, 1907.

AMERICA, UNITED STATES OF.

See Percy, Lord Eustace, Yr Bk., 1932, 878 (I. L. Kandel) ; and *under*
Add. (p. 141) ; Assn H.-mstrs, 1908 ; Carnegie Foundation, 1927 ;
Conf. H.-mstrs, 1927 ; Conf. Exams, 1931 ; Gen. Hist. Educn: 1914,
Law Journ., 1924, Chambers's Encycl., 1930, Flexner, Abraham,
1932, Kotschnig, Walter M. ; *Educn Oull.*, 1928 ; Hughes, R. E.,
1902 ; *Journ. Educn*, 1925 ; *Law Journ.*, 1924 ; *Sch. Sci. Rev.*,
1927, 1928 ; Yoakum, C. S., 1920.

AMERICA, UNITED STATES OF, DEPARTMENT OF INTERIOR.

1930. Office of Education, Bulletin No. 17, Secondary Education in
Norway, Chap. II, 15, The System of State Examinations, Chap.
VI, 78, Teachers' Training for Secondary Schools, Matriculation,
88, The Pedagogical Seminary Final Examination (Gabriel E. Loft-
field) (Washington).

AMOS, A. DONALD, *see under Brit. Journ. Educnl Psych.*, 1931.

ANATOMY, EXAMINATIONS IN, *see under B.M.A.*, 1920.

ANDERSEN, P. N., *see under Math. Gaz.*, 1932.

ANDERSON, CHAS. H. W. G., *see under New Era*, 1925.

ANDERSON, D. STERLING, *see under Tech. Journ.*, 1932.

ANDERSON, WILLIAM F., *see under* Scotland: *Educnl Inst. Scot.*, 1932.

APTE, V. G., *see under Ind. Educn*, 1909.

ARGENTINE REPUBLIC, *see* Percy, Lord Eustace, Yr Bk, 1932, 938 *seqq.* (Maurice King).

ARITHMETIC, *see* Mathematics. *See also* under Boyd, William, 1924; Brit. Psych. Soc., 1928; *Educatl Rev.*, 1926, 1929, 1932.

ARMOUR, W. S., *see* under *Journ. Educatl*, 1925.

ARMSTRONG, HENRY E.

1925. The Teaching of Scientific Method and other Papers on Education, II. An Appeal to Headmasters, 17. Examinations have made self-help impossible; IV. Address to Educational Science Section of British Association, 1902, 72 *seqq.* Examinations; V. The Need of General Culture at Oxford and Cambridge, 105, 108. Examinations encourage cramming; VI. The Place of Research in Education and of Science in Industry, 135 *seqq.* City and Guilds of London Institute and Examinations; XV. The Heuristic Method of Teaching, 246. Co-operation of Examining Bodies. (2nd ed. Macmillan & Co.: London.)

See also under B.A., 1902, 1906; *Nature*, 1920, 1930.

ARMSTRONG, SIR WILLIAM, *see* under Gen. Hist. Educatl, 1878, Livery Companies of London.

ARMY, EXAMINATIONS, ETC., FOR, *see* under A.M.A., 1913; B.M. Journ., 1902; Conf. Instrs, 1900, 1903, 1904, 1905, 1906, 1908, 1909, 1910, 1911, 1910, 1927; *Fort. Rev.*, 1900; Hughes, R. E., 1902; *Journ. Educatl*, 1928; Percy, Lord E., Yr Bk, 1932; *Sch. Wor.*, 1909, 1911, 1912; *T.E.S.*, 1931; Yoakum, C. S. (America).

ARNOLD, J. H., *see* under Assn Asst Mstrs, 1927; B.A., 1927.

ARNOLD, MATTHEW, *see* under Gen. Hist. Educatl, 1908; Germany.

ART, EXAMINATIONS IN, *see* under *Journ. Educatl*, 1928, 1930; N.U.T., 1912; *Nature*, 1909; Sadler, Sir Michael, 1905 (Liverpool); *Sch. Wor.*, 1918; Scotland: *Educatl News*, 1910, 1911. *See also* B. of E., Sec. Sch. Exams Counc., 1932, Report of Investigators... School Certificate Examinations held in 1931, Pt. II, Recommendations as to Art, Handicraft and Examinations.

ASSOCIATION OF ASSISTANT MASTERS IN SECONDARY SCHOOLS, INCORPORATED.

1904. 14th Annual Report containing Report of the Executive Committee for 1904, 13, School Certificates. *See also* *Educatl*, 1904, Sept. 22: 223.

1906. Executive Committee Meeting, Dec. 1, Education Sub-Committee, Report of Special Committee on Local Examinations. *See also* A.M.A., 1906, Dec., 126.

1910. General Meeting, May 21, On Some Administrative Problems connected with Secondary Schools, Paper by Evan W. Small (Selection of children by scholarships). *See also* A.M.A., 1910, June, 47.

ASSOCIATION OF ASSISTANT MASTERS IN SECONDARY SCHOOLS, INCORPORATED—*Cont.*

1912. 22nd Annual Report, including Report of Executive Committee for 1912, 13, Report on the "School Record", 18, Report on "Interview-Examiners" and other recommendations of the Consultative Committee on examinations. *See also A.M.A.*, 1912, Oct., 129 (H. Gregory; G. T. Holden).
 Annual Meeting, Examinations, Discussion (Sir Philip Hartog, W. H. D. Rouse, etc.). *See also A.M.A.*, 1912, Jan., 13-14; *Educn.*, 1912, Jan. 19: 38.
1913. Annual General Meeting, Jan. 3, Resolution on Examinations; School Records. *See also A.M.A.*, 1913, Jan., 15.
1914. Worcestershire Branch, Report on Investigation of Conditions of Schoolmastering in Canada (Examinations). *See also A.M.A.*, 1914, July, 121, 123.
1915. Conference with the Board of Education on Examinations, June 1915. *See also A.M.A.*, 1915, June, 104-5.
 Annual General Meeting, Circular 849, Examination Reform, etc. *See also A.M.A.*, 1915, Jan., 3, 5; July, 121-122; *Sch. Gov. Chron.*, 1915, Jan. 9: 34-35; Aug. 7: 93.
 Council Meetings, Discussion on Examinations (Circular 849). *See also A.M.A.*, 1915, Jan., 12-13; June, 96-97, 98.
1916. Annual Meeting, Jan., Circular 849. *See also A.M.A.*, 1916, Jan., 7; *Sch. Gov. Chron.*, 1916, Jan. 15: 37-38.
1917. Executive Committee Meeting, June, 2; Educational Policy (Examinations). *See also A.M.A.*, 1917, June, 72; *Sch. Educn.*, 1917, Aug., 51.
1918. Annual General Meeting, Jan., Education Policy (Examinations). *See also A.M.A.*, 1918, Jan., 15.
1919. Advanced Course Regulations *versus* Higher Certificate Regulations (T. W. Thompson). *See A.M.A.*, 1919, Dec., 128-130.
1920. Memorandum of Evidence of Association submitted to the Departmental Committee on Scholarships and Free Places. *See also A.M.A.*, 1920, March, 35 *seqq.*; *T.E.S.*, 1920, Feb. 12: 22.
 General Meeting, Jan., The New School Examination (H. A. L. Fisher). *See also A.M.A.*, 1920, Feb., 9; *T.E.S.*, 1920, June 10: 314 (High School Certificate—extent of recognition).
1923. Report of Executive Committee, School Certificate Examination and Overpressure. *See also A.M.A.*, 1923, Jan., 24-25, 28; *Educn.*, 1923, Dec. 21: 320; *Journ. Educn.*, 1923, Feb., 118.
 Education Committee, Feb. Meeting (Dissociation of the University Matriculation Examination from the General Schools Examination; over-pressure in Matriculation; Questionnaire for circulation). *See also A.M.A.*, 1923, Mar., 63.
 See also T.E.S., 1923, Aug. 18: 382 (First and Second School Examinations criticised).
1925. Views on proposed changes in constitution of the University of London; duty of examining schools; external degrees, etc. *See Educn.*, 1925, Feb. 27: 106.
1926. Education Committee, First School Examinations (surveyed). *See A.M.A.*, 1926, June, 141-142.

ASSOCIATION OF ASSISTANT MASTERS IN SECONDARY SCHOOLS, INCORPORATED—*Cont.*

1927. Annual Meeting, Jan., Address (P.E. Meadon), The First School Examinations, Resolution in regard to First School Examination (J. H. Arnold), Discussion on requirements of examining bodies, Need for uniformity, Group System, etc. *See also A.M.A.*, 1927, Jan., 7, 10, 11, 15, 33-37, 41-42; *T.E.S.*, 1927, Jan. 15: 34.

Memorandum on First School Examination. *See also T.E.S.*, 1927, Oct. 29: 488.

See also T.E.S., 1927, Dec. 17: 570 (London Examinations Council).

1928. Annual General Meeting, Jan. (First School Examinations; resolution in regard to unfairness of examination results as a test). *See also A.M.A.*, 1928, Jan., 6-7, 12, 14.

Council Meetings, Jan. 5 (Entrance examinations, resolution and discussion). *See also A.M.A.*, 1928, Jan., 38 *seqq.*; *T.E.S.*, 1928, Jan. 21: 33.

See also T.E.S., 1928, Apr. 21: 173, June 9: 256, July 21: 329; *Educn.*, 1928, June 29: 727 (Discussion of Pamphlet "Reforms needed in First School Examinations." etc.).

1929. Annual General Meeting, Jan. (Undue prominence given to results achieved in First School Certificate Examination by pupils of Intermediate and Central Schools, etc.; resolution on examinations). *See also A.M.A.*, 1929, Jan., 7, 14.

Annual Meetings of Council, Jan. (Resolutions in regard to School Certificate Examinations). *See also A.M.A.*, 1929, Jan., 34 *seqq.*; *T.E.S.*, 1929, Jan. 19: 333.

Memorandum on The Teaching of Modern Languages, VI, The Testing of Knowledge (University of London Press, Ltd.).

1930. Annual Council and General Meeting, Bristol, Jan. 1-3. Chairman's Address (Matriculation; desire for separation from First School Examination). *See also A.M.A.*, 1930, Jan., 9-10, 36 *seqq.*; *Sch. Gov. Chron.*, 1930, Mar., 286 (H. L. Constable); *T.E.S.*, 1930, Jan. 18: 23.

Education Committee, Resumé of work of 1930. *See also A.M.A.*, 1930, Sept., 242.

Evidence before Royal Commission on Civil Service Entrants. *See A.M.A.*, 1930, July, 101; *Educn.*, 1930, Aug. 1: 110.

1931. Examinations. (1) Criticisms of the First School Certificate and Higher School Certificate Examinations, 1930. (University of Bristol School Examinations; Cambridge University Local Examinations Syndicate; Higher School Certificate Examination: Report of the University of Cambridge Local Examinations Syndicate, Joint Committee for Examinations, 17 Nov., 1930: University of Durham School Examinations; London University School Examinations; Higher School Examination; Northern Universities Joint Matriculation Board Examinations; Oxford Delegacy for Local Examinations; Oxford and Cambridge Joint Board; Central Welsh Board.) (2) The Policy of the Inc. Assoc. of Assistant Masters (Pamphlet). *See also A.M.A.*, 1932, May, 94.

Branch Meeting, Address (W. H. Jenkinson), Matriculation and School Certificates; The Higher School Certificate. *See also Educn.*, 1931, Aug. 21: 166.

ASSOCIATION OF ASSISTANT MASTERS IN SECONDARY SCHOOLS, INCORPORATED—*Cont.*

1932. Annual General Meeting, Dec. 30, 31, 1931, and Jan. 1, 1932, Address (Divorce of First School Certificate from Matriculation) (A. G. Bishop), The English Tradition in Education and the Present Crisis (School Certificate and Matriculation) (Cyril Norwood), Resolutions and Discussions in regard to First School and Matriculation Examinations, Durham Experiment, etc. *See also A.M.A.*, Jan., 10, 18-20, Jan., 20, 25, 26-29; *Educn*, 1932; *T.E.S.*, 1932, Jan. 16: 26.

Council Meetings, Jan., Resolution *re* need for searching enquiry into the present methods of examining and marking School Certificate English, result of investigation by Durham School Examination Board. *See A.M.A.*, 1932, Jan., 25.

ASSOCIATION OF ASSISTANT MISTRESSES IN SECONDARY SCHOOLS, INCORPORATED.

1913. Annual Summer Meeting. (Paper on Suggestions contained in Report of Consultative Committee.) *See also Journ. Educn*, 1913, July, 480.

1921. (Policy with regard to First School Examination). *See T.E.S.*, 1921, Feb. 17: 76.

1922. Meeting, June 1922 (Qualifying Tests for Promotion to Secondary Schools). *See also T.E.S.*, 1922, June 24: 292.

1923. Meeting, June (Discussion of Examination Policy; First School Examinations). *See also T.E.S.*, 1923, June 30: 313.

Joint Conference with Association of Head Mistresses, May, 11, *See under Assn H.-Mstrs*, 1923.

1927. North Riding Branch, Meeting, May (New Leaving Examination; London Examination Papers). *See also T.E.S.*, 1927, June 11: 276.

See also T.E.S., 1927, Dec. 10: 561 (London Examination Papers; institution of approved Examinations and Group System).

1928. The Reform of the First School Examination (Pamphlet). *See also T.E.S.*, 1928, Oct. 13: 445.

44th Annual General Meeting, January (School Examinations; First School Examination; Higher Certificate Examination). *See also T.E.S.*, 1928, Jan. 14: 22.

See also T.E.S., 1928, Feb. 11: 68 (Science Teachers and First School Examinations, June 16: 268 (Examination Groups).

1929. First School Examination, Correspondence between Lord Eustace Percy and Associations of Head and Assistant Mistresses, *see Assn H.-Mstrs*, 1929.

See also T.E.S., 1929, Feb. 9: 64 (London Examination Papers), Mar. 9: 116 (Examinations for Girls), Apr. 13: 170 (First School Examination).

1930. 46th Annual General Meeting, Report, Separation of School Examination from Matriculation. *See also Journ. Educn*, 1930, Feb., 142; *T.E.S.*, 1930, Jan. 11: 12.

Memorandum on Latin in Girls' Schools drawn up by the Classical Panel of the Association, 7-8, Examinations. (Publ. by Assn Asst Mstrs.)

BIBLIOGRAPHY OF EXAMINATIONS

ASSOCIATION OF ASSISTANT MISTRESSES IN SECONDARY SCHOOLS, INCORPORATED—*Cont.*

1931. 47th Annual General Meeting, Jan., Resolutions in regard to Dr. W. Edwards' "A New Proposal, etc." See also *Journ. Educn*, 1931, Feb., 132; *T.E.S.*, 1931, Jan. 10: 11, Jan. 17: 25; Feb. 14: 61.

Memorandum on the Teaching of Religious Knowledge in Secondary Schools, 16, Practical Problems, Examinations. (University of London Press, Ltd.: London.)

Memorandum II on Classics in Girls' Schools: Latin in the Sixth Form—Greek, 3, 4, 5, 7, 8, 16, 18, 19, Examinations. (University of London Press, Ltd.: London.)

Reorganisation (Association's Views on the Hadow Report, etc.). (Pamphlet.)

See also *T.E.S.*, 1931, Nov. 14: 438 (London Examination Papers).

1932. Overstrain due to present examination system (Note). See *Educn*, 1932, June 17: 695.

See also under Assn Educn Ctcees, 1932.

ASSOCIATION OF DIRECTORS AND SECRETARIES OF EDUCATION.

1927. 36th Annual General Meeting, To examine or not to examine (F. F. Potter). See also *Educn*, 1927, Jan. 28: 116 *seqq.*; *Sch. Gov. Chron.*, 1927, Jan. 20: 83.

See also under N. of Eng. Educn Conf., 1913.

ASSOCIATION OF EDUCATION COMMITTEES.

1906. Deputation to Board of Education (Continuation of individual examinations recommended). See also *Sch. Gov. Chron.*, 1906, Dec. 16: 505.

1926. Annual General Meeting, June, Discussion on Examinations of Elementary Schools (A. R. Pickles). See also *Educn*, 1926, June 18: 650; *Sch. Gov. Chron.*, 1926, June 10: 407-410, 445.

Executive Committee, Meeting, March 11, Technical Examinations for Students attending Minor Courses. See also *Educn*, 1926, Apr. 9: 384-385.

1927. Executive Committee Meeting, Feb. 17, Minutes, Appendix IV, 23, Technical Examinations, Report by Arthur Pickles.

Executive Committee, Meeting, Sept. 23, Departmental Committee on Examinations for Part-Time Students; individual Examinations. See also *Educn*, 1927, Nov. 4: 442 *seqq.*; *Sch. mstr*, 1927, Oct. 27: 763.

1928. 24th Annual Report (Examinations in Public Elementary Schools). See also *Sch. Gov. Chron.*, 1928, June 16: 402.

Executive Meeting, Feb. 23, The Examinations Inquiry. See also *Educn*, 1928, Mar. 16: 292; *Sch. Gov. Chron.*, 1928, Mar. 17: 175.

1929. 25th Annual Meeting, Examinations. See also *Sch. Gov. Chron.*, 1929, June 22: 401.

Conference with C.C. Assn, etc., see under C.C. Assn.

ASSOCIATION OF EDUCATION COMMITTEES—*Cont.*

1930. Executive Meeting, Jan. 17, Recommendations in regard to First School Certificate Examination; Examinations for Part-Time Students). See also *Educn*, 1930, Feb. 7: 166-167; *Sch.-mstr*, 1930, Feb. 20: 348.

Examinations in Public Elementary Schools. The Report of an Enquiry by Joint Advisory Committee of the Association of Education Committees and the National Union of Teachers into Examinations for Pupils in Public Elementary Schools. See also *Educn*, 1930, July, 18: 59-60; *Sch.-mstr*, 1930, Dec. 11: 942 *seqq.* (F. Mander); *Scott. Educn Journ.*, 1930, Dec. 19: 1343; *T.E.S.*, 1930, Dec. 13: 500, Dec. 20: 567.

1932. Executive Committee Meeting, Sept. 30, First School Certificate Examination, Needlework; Report of Panel of Investigators on School Certificate Examination (Assn Asst Mstrsses). See also *Educn*, 1932, Dec. 9: 584.

ASSOCIATION OF HEADMASTERS, INCORPORATED.

1903. Annual Meeting, Jan., Multiplicity of Examinations (Sir Oliver Lodge); The University of London Leaving Certificate (R. D. Roberts). See also *Journ. Educn*, 1903, Feb., 150.

1912. 21st Annual General Meeting, Secondary Schools and Examinations; the Free Place and Scholarship System (H. J. Spenser). See also *Sch. Gov. Chron.*, 1912, Jan. 20: 74-75.

1917. Educational Policy: Report of a Standing Committee appointed Feb. 14, 1917 (dealing with the subjects of scholarships, examination and inspection, Civil Service Examinations).

See also *T.E.S.*, 1932, June 25: 248 (Cause of Evil of Matriculation Fetish); and under *Educn*, 1932; N. of Eng. *Educn Conf.*

ASSOCIATION OF HEADMISTRESSES.

1903. Report, including Report of Annual Conference, 1902, 13, Leaving Certificate, 22, Scheme for the Inspection of Schools and a School Leaving Certificate adopted by the Senate of the University of London.

1904. Report, including Report of Annual Conference, 1903, 8 *seqq.*, Discussion on Examinations, 20, Report of the Leaving Certificate Sub-Committee; Report of Relative Values of Examinations Sub-Committee.

1905. Report, including Report of Annual Conference, 1904, 10, 13, Opinions on Proposals of the Consultative Committee for a system of School Certificates; the best means of selecting at an early age candidates for scholarships and bursaries (Miss Easton). See also *Journ. Educn*, 1904, July, 510.

1906. Report, including Report of Annual Conference, 1905, 47-48, Resolutions in regard to Pupil Teachers and Matriculation, etc. See also *Educn*, 1906, Mar. 9, Supplement.

1907. Report, including Report of Annual Conference, 1906, 20, 58, Resolutions in regard to Lower Certificate Examination, Matriculation, etc. See also *Educn*, 1907, June 28: 494; *Journ. Educn*, 1907, Aug., 559-560.

ASSOCIATION OF HEADMISTRESSES—*Cont.*

1908. Report, including Report of Annual Conference, 1907, 11-14, President's Address (Florence M. A. Gadesden), Examinations, 36, Report of Examinations Sub-Committee, 38, Appendix A., Examination and accrediting in the United States, 39, Appendix B., Examinations in France, 41, Appendix C., Examinations in Scandinavian Countries, 42, Appendix D., Examinations in Germany. See also *Sch. Gov. Chron.*, 1908, Aug. 1: 100 *seqq.*; *Sch. Wor.*, 1908, Aug., 303-305.
1909. Report, including Report of Annual Conference, 1908, 35, Examinations Sub-Committee, External Examinations for Girls, etc.
1910. Report, including Report of 35th Annual Conference, 1909, 12, 15, 25, 26, 30 *seqq.*, External Examinations, etc.; alternative syllabuses and examination papers for girl candidates; report of Examinations Sub-Committee; correspondence with the Oxford and Cambridge School Examinations Board.
1911. Report, including Report of 36th Annual Conference, 1910, 17, Examinations (Miss F. Gadesden and others): 39, 100 *seqq.*, Evidence before Royal Commission on University Education in London. See also *Sch. Gov. Chron.*, 1910, June 25: 590-591.
1912. Report, including Report of 37th Annual Conference, 1911, 15 *seqq.*, 26, Discussion on Examinations, 45, Examinations and Curricula (Examinations Sub-Committee). See also *Educn*, 1911, June 16: 369, 389; *T.E.S.*, 1911, Sept. 5: 115; *Sch.-mistress*, 1911, June 22: 200.
1913. Report, including Report of 38th Annual Conference, 1912, 19, Examinations in Secondary Schools (Miss F. Gadesden), 37, Report of Examinations Sub-Committee, 93 *seqq.*, Royal Commission on Civil Service—injurious effect of Civil Service Competitive Examination. See also *Sch. Gov. Chron.*, 1912, June 29: 568; *T.E.S.*, 1912, Dec. 3: 141.
- Examinations Reform: a Record of the Work of the Association in this direction (Pamphlet). See also *Sch. Wor.*, 1913, Aug., 304-5.
1914. Report, including Report of 39th Annual Conference, 1913, 12 *seqq.*, Resolutions in regard to examinations, co-ordination, etc., 30 *seqq.*, 42, Report of Examinations Sub-Committee. See also *Educn*, 1913, July 11: 26 *seqq.*; *Journ. Educn*, 1913, July, 478.
1915. Report, including Report of 40th Annual Conference, 1914, 17 *seqq.*, Royal Commission on the Civil Service, discussion on resolutions, 32, Report of Examinations Sub-Committee, 78 *seqq.*, Memorandum on B. of E. Circular 849. See also *Sch. Gov. Chron.*, 1914, May 30: 503-504.
1916. Report, including Report of 41st Annual Conference, 1915, 13, Circular 849, Discussion, 24, Examinations Sub-Committee, 31, Teachers' Examinations. See also *Educn*, 1915, July 9: 9-16.
1917. Report, including Report of 42nd Annual Conference, 1916, 19, 65, Memorandum on Board of Education Circular 849.
1918. Report, including Report of 43rd Annual Conference, 1917, 14, School record v. examinations, 33 *seqq.*, Curricula and Differentiation, 83, Letter to the Secretary of the Secondary School Examinations Council. See also *T.E.S.*, 1917, June 14: 227.

ASSOCIATION OF HEADMISTRESSES—*Cont.*

1919. Report, including Report of 44th Annual Conference, 1918, 17, Report of Curricula and Differentiation Sub-Committee, 22, University Scholarships, 25, Examinations Sub-Committee, 78, Memorandum presented to the Secondary School Examinations Council, 83, Alternative Scheme of Advanced Courses in Secondary Schools. See also *Educn.*, 1918, June 21: 294.
1920. Report, including Report of the 45th Annual Conference, 1919, 22, Report of Examinations Sub-Committee, resolutions in regard to entrance to University. See also *T.E.S.*, 1919, May 20: 262, June 12: 294.
1921. Report, including Report of 46th Annual Conference, 1920, 17, Resolutions in regard to Examinations, 21 *seqq.*, Report of Examinations Sub-Committee, 81, Memorandum on Differentiation in Curricula forwarded to the Consultative Committee. See also *Educn.*, 1920, June 25: 570; *Journ. Educn.*, 1920, July, 443; *T.E.S.*, 1920, Mar. 4: 128.
1922. Report, including Report of 47th Annual Conference, 1921, 9, Resolutions and Discussion on First School Examinations, 14, Report of Examinations Sub-Committee, 24, Entrance Tests, 81, French in the First Examination. See also *T.E.S.*, 1921, June 18: 276.
1923. Report, including Report of 48th Annual Conference, 1922, 15 *seqq.*, Report of Examinations Sub-Committee, 30, Report of Joint Committee of the Four Secondary Associations (Examinations). See also *T.E.S.*, 1922, April 29: 200.
Joint Conference with Association of Assistant Mistresses, May 11, Compulsory Subjects in the First Schools Examination and in Matriculation (Ethel Strudwick, Discussion). See also *T.E.S.*, 1923, May 10: 238 (Examinations a Hindrance).
1924. Report, including Report of 49th Annual Conference, 1923, 19 *seqq.*, Report of Examinations Sub-Committee.
1925. Report, including Report of 50th Annual Conference, 1924, 13 *seqq.*, Report of Examinations Sub-Committee, 41, Intelligence Tests and Admission to Training Colleges.
1926. Report, including Report of 51st Annual Conference, 1925, 14, 15, 18 *seqq.*, Examinations Sub-Committee, 101, The Examination Qualifications of Entrance Candidates to two-years training colleges.
1927. Report, including Report of 52nd Annual Conference, 1926, 16 *seqq.*, Report of Examinations Sub-Committee, 97, Appendix, Memorandum on the First School Examination. See also under *Educn. Outl.*, 1926.
1928. Report, including Report of 53rd Annual Conference, 1927, 17, Report of Examinations Sub-Committee, 103, Appendix, The Reform of the First School Examination (also published in pamphlet form). See also *Educn.*, 1927, July 22: 94; *Sch. Gov. Chron.*, 1928, July 14: 23; *T.E.S.*, 1927, July 9: 320; Nov. 5: 501; and under *Mod. Lang. Assn.*, 1928.
1929. Report, including Report of 54th Annual Conference, 1928, 13-14, The First and Second Examinations, 22, Report of Examinations Sub-Committee, 100, Appendix, Correspondence with the President of the Board of Education on First Schools Examination. See also *Educn.*, 1929, Mar. 1: 240 *seqq.*, Mar. 15: 293, 295; *Sch. Gov. Chron.*, 1928, July 14: 23; 1929, Mar. 2: 141; *Sch. Guar.*, 1929, Mar. 16: 102, 110 *seqq.*; *Sch.-mstr.*, 1929, Mar. 7: 455; *T.E.S.*, 1928, June 16: 267, 1929, Mar. 2: 103.

ASSOCIATION OF HEADMISTRESSES—*Cont.*

1930. Report, including Report of 55th Annual Conference, 1929, 24 *seqq.*, Examinations Sub-Committee, 119, Memorandum to be laid before the Royal Commission on the Civil Service. See also *Educn Oull.*, 1929, July, 245; *T.E.S.*, 1929, June 22: 286; July 13: 324.

The Philosophy of Examinations (R. M. Haig-Brown), Paper read before the Annual Conference, 1929. See also *Educn*, 1929, Sept. 13: 222; *T.E.S.*, 1929, June 1: 236, June 22: 286.

Mental Honesty, Paper read by Miss I. M. Drummond at the Annual Conference, 1929. Dangers of Examination System. See also *Educn*, 1929, Oct. 18: 356.

1931. Report, including Report of 56th Annual Conference, 1930, 16, Presidential Address, Balance in Education (E. Addison Phillips) (Examinations: Entrance to the University), 19, Examinations Sub-Committee. See also *Educn*, 1931, July 17: 63.

1932. Report, including Report of 57th Annual Conference, 1931, 15, Resolutions and Discussion on University Entrance, 20, Report of Examinations Sub-Committee. See also *Journ. Educn*, 1931, July, 488; *T.E.S.*, 1931, Jan. 31: 39; Mar. 7: 87, June 27: 255; Aug. 1: 305.

ASSOCIATION OF LOCAL EDUCATION AUTHORITIES.

1926. Feb. 4, Conference between Association of Local Education Authorities, Local Examining Unions and Board of Education to consider report of the Conference on Technical Students attending Minor Courses in England and Wales. See also *Educn*, 1926, April 9: 388, April 23: 450.

ASSOCIATION OF MUNICIPAL CORPORATIONS.

1928. Education Committee, Replies to the Questionnaire of the Departmental Committee on Examinations for Part-Time Students. See also *Sch. Gor. Chron.*, 1928, Feb. 25: 129-30; Mar. 3: 147-148.

1929. Conference with C.C. Assn, etc., *see under C.C. Assn.*

ASSOCIATION OF PREPARATORY SCHOOLS, INCORPORATED (formerly Association of Headmasters of Preparatory Schools).

1902. 11th Annual Conference, December, Proposed Joint Conference on Entrance Examinations. See also *Prep. Sch. Rev.*, 1903, Mar., 8 *seqq.*

1906. 15th Annual Conference, December, The Entry of Naval Cadets (Sir J. A. Ewing). See also *Prep. Sch. Rev.*, 1907, Mar., 90 *seqq.*

1923. Common Examination for Entrance to Public Schools. Reprint of Selected Papers. 1922-1931. (Published by Board of Managers.)

See also under Conf. H.-mstrs, 1926; *Prep. Sch. Rev.*

ASSOCIATION OF PRINCIPALS OF TECHNICAL INSTITUTIONS, *see under Assn Tech. Inst.*, 1932.

ASSOCIATION OF TEACHERS IN TECHNICAL INSTITUTIONS.

1908. Second Annual Conference, Discussion on Examinations. See also *Sch. Gov. Chron.*, 1908, June 13 : 574.
1911. West Yorks Branch, Meeting, November 11, Science Examinations and Group Course Certificates ; Discussion of Principles of Board of Education Circular 776 (Barker North). See also *Educn.*, 1911, Nov. 24 : 318.
1912. Annual Meeting, London Technical Institutions and Examinations : an address delivered by John Wilson. See also *Educn.*, 1912, Dec. 27 : 397.
- Annual Conference, May, Science Examinations, External Examinations, Scottish experience. See also *Sch. Gov. Chron.*, 1912, June 1 : 465-466 (James Clark).
1913. West Yorks Branch, Annual General Meeting, Leeds, Nov. 15, Discussion on Internal Examinations. See also *Educn.*, 1913, Dec. 5 : 351.
- Meeting of Secondary and Technical Teachers convened by the Joint Committee of London Secondary Associations and by the Associations of Teachers in Technical Institutions, March 29, True Functions of a Secondary School ; Leaving Certificates and School Records ; External Degrees (Viscount Haldane). See also *A.M.A.*, 1913, May, 59-60.
1914. Annual Conference, May 30, Presidential Address, Internal v. External Examinations in Lancashire ; Advisory Boards ; Distrust of the Teacher (P. Abbott). See also *Educn.*, 1914, June 5 : 354 ; *Sch. Gov. Chron.*, 1914, June 6 : 527-528.
- Annual Conference, Internal Examinations : a short account of a Principal's experience. Paper read by Lawrence Small. See also *Educn.*, 1914, Sept. 25 : 190.
1916. Annual Conference, June, Examinations (W. Garnett). See also *Educn.*, 1916, July 14 : 16.
1919. 10th Annual Conference, Resolution in regard to setting up of a Technical Schools Examination Council. See *Tech. Journ.*, 1919, Nov., 106.
1922. Conference, June 5, Presidential Address (J. Paley Yorke), The Essentials of a Good Education (standards of proficiency), Learned Institutions and Examinations (Scheme of the Institute of Mechanical Engineers and Board of Education). See *Tech. Journ.*, 1922, June, 144-145, 151 *seqq.*
- East Lancashire Branch, Meeting, Apr. 1, Address (W. H. F. Pullen) (Board of Education Examinations, etc.). See also *Tech. Journ.*, 1922, Oct., 192-193.
1923. Annual Conference, May 21, Presidential Address, National Certificates, Modified Matriculation (William R. Bower). See *Educn.*, 1923, May 25 : 335 ; *Tech. Journ.*, 1923, July, 161-163.
1925. Annual Conference, Discussion : Examinations, National Certificates. See also *Sch. Gov. Chron.*, 1925, June 13 : 438, June 20, 452-453.
- Technical Examinations for Students attending minor courses. See *Educn.*, 1925, Oct. 9 : 349 *seqq.*
1926. Annual Conference, June, Technical Examinations for students attending minor courses, Resolution. See *Tech. Journ.*, 1926, July, 128.

ASSOCIATION OF TEACHERS IN TECHNICAL INSTITUTIONS—*Cont.*

1928. 31st Annual Conference, Discussion: Examinations for Part-Time Students. See also *Sch. Gov. Chron.*, 1928, June 2: 358.

Notes on Examinations: Purpose of Examination, Examinations an Educational Function. Internal and External Examinations. Circular 776, Junior Technical Schools, July 21 (Typewritten Document).

Departmental Committee on Examinations for Part-Time Students. Answers to Questionnaire (Typewritten Document).

Departmental Committee on Examinations for Part-Time Students, Evidence of Mr. J. Paley Yorke. Mr. A. E. Evans and Mr. J. Wickham Murray, on behalf of the Association. . . . See also under B. of E., Reports (Various), 1928 (Typewritten Document.)

1929. Annual Report of Council. 5. Examinations. See *Tech. Journ.*, 1929, June, 145.

See also under *Tech. Journ.*

ASSOCIATION OF TEACHERS OF DOMESTIC SUBJECTS.

1911. West Midland Local Association, November Meeting. Examinations, a Paper read. See *Educn*, 1911, Dec. 15: 369-370.

ASSOCIATION OF TECHNICAL INSTITUTIONS.

1905. 12th Annual General Meeting. Proposed Function of a Matriculation Examination discussed. See also *Educn*, 1905, Feb. 3: 75.

1910. 17th Annual General Meeting. Papers on the Sessional Examination. (Printed privately.)

Summer Meeting, Examinations for Evening Students. See also *Nature*, 1910, July 12: 99.

1912. Annual General Meeting, Feb. 20, Paper on Group Course Certificates (F. W. Shurlock). See also *Educn*, 1912, Mar. 8: 145, 164.

1913. Meeting, July, Internal Examinations (Principal C. Crowther). See also *Educn*, 1913, July 11: 20 ff.

1920. Annual General Meeting, Feb. 27, 28, Scholarships. Paper read (R. S. Clay). See also *Educn*, 1920, Mar. 26: 238 *seqq.*

Meeting, July, Recommendations in regard to Secondary School Examinations. See also *Educn*, 1920, July 30: 95.

1921. Annual General Meeting. March, Paper on the Report of the Departmental Committee on Scholarships and Free Places (W. Mansergh Varley). See also *Educn*, 1921, Mar. 25: 246 *seqq.*

1922. Annual Meeting, Mar. 3 and 4, Discussion on National Certificates and Diplomas in Mechanical Engineering; Diplomas, a Paper read by R. S. Clay; Examinations and Certificates for Evening Students, a Paper read by A. F. Hogg. See also *Educn*, 1922, Mar. 17: 170-171, Mar. 4: 186-187; Apr. 7: 214-215.

1923. Council of the Association and Co-ordination of Examinations. See *Educn*, 1923, Apr. 27: 272.

1925. Report of Conference on Technical Examinations for Students attending Minor Courses in England and Wales. See also *Sch. Gov. Chron.*, 1925, Sept. 19: 164-166, Sept. 26: 182; Oct. 3: 196-198; *Assn Tech. Inst., Year Book* for 1925, 6 *seqq.*

ASSOCIATION OF TECHNICAL INSTITUTIONS—*Cont.*

1931. Annual General Meeting, Feb. 27 and 28, A National Certificate in Commerce, Paper read by John A. Todd.

1932. Joint Committee of Association of Technical Institutions and Association of Principals of Technical Institutions. Report on "Policy in Technical Education," 26, Sec. 6, Examinations and Certificates.

See also under T.E.S., 1927.

ASSOCIATION OF UNIVERSITY TEACHERS.

1928. Report on the Machinery Governing Matriculation Requirements of Universities. (Reprinted from *The University Bulletin*, Vol. 7, No. 1, April, 1928.)

1930. Report on Entrance Tests and Initial Degrees adopted by the Council of the Association on June 6, 1930. *See also Univ. Rev.*, Vol. 3, No. 1, 1930, Oct., 24-31.

See also under Conf. Educat. Assns, 1920; France; Germany; Math. Assn, 1932; N.U.T., 1932; Univ. Rev.

ASSOCIATION OF UNIVERSITY WOMEN TEACHERS, *see under* Conf. Educat. Assns, 1920.

ATHOLL, DUCHESS OF (KATHARINE MARJORY), *see under* B.A., 1927; Scotland: B.A., 1927, Progress, 1926.

ATTLEE, HENRY, *see under* Law Society, 1906.

AUSTRALIA.

Board of Education, 1901. Special Reports, Vol. 5, Educational Systems of the Chief Colonies of the British Empire, 370, Victoria, Inspectors, 476, South Australia, Inspection and Examination of State Schools. (London, 1927.)

Browne, G. S., 1927, Education in Australia, 70, 152, 225, 293, 377, 409, Examinations and Inspection, N.S.W., Victoria, S. Australia, Queensland, Western Australia, Tasmania. (Macmillan & Co.: London.)

Journal of Education, 1915, Jan., 32, Australian Secondary Schools. . . . School Leaving Examinations.

School Government Chronicle, 1930, Oct., 103, Examinations *versus* Certification (Investigation by University of Victoria, Australia).

Schoolmaster, The, 1903, Oct., 24, Western Australia: Inspection *versus* Examination.

Times Educational Supplement, 1928, Nov. 3, 473, Internal Examinations for Schools: an Australian Achievement.

Victoria Education Department, 1920, Regulations. . . . Standard of Education; Qualifying Examination and the Merit Certificate. (*Education Gazette and Teachers' Aid*, Feb. 19, 1920, Melbourne.)

See also Percy, Lord Eustace, 1932, Yr Bk, 583, Intelligence Tests, 586, Public Examinations for Secondary Schools (Frank Tate); *and under* Cong. Univ. Emp., 1921, 1931; Fed. Conf. Educat., 1907 (Admission to Agricultural Colleges, N.S.W.); Gen. Hist. Educat.: 1924, Chambers's Encycl.

AUSTRIA, *see under* Sch.-mstr, 1929.

AYYAR, P. V. SESHU, *see under* Ind. Math. Soc. Journ., 1922.

BADLEY, J. H., see under *New Era*, 1925.

BAILES, STELLA, see under *Forum Educn*, 1926.

BAILEY, CHARLES W.

1913. Steps towards Educational Reform, Chap. V, A Better Scheme of Examinations. (University Press: Cambridge.)

1928. Tyrannies of the School. Chap. IV, The Tyranny of Examinations and Marks. (Blackie & Sons: London and Glasgow.)

See also under *Educn*, 1931; *Journ. Educn*, 1925, 1927, 1930, 1932; *Par. Rev.*, 1930; *Sch.-mstr*, 1927.

BAKER, H. B., see under B.A., 1907.

BALFOUR, SIR GRAHAM, see under Gen. Hist. Educn, 1903.

BALL, W. W. ROUSE, see under Gen. Hist. Educn. 1889.

BALLARD, PHILIP BOSWOOD.

1920. Mental Tests, Chap. III, The Measurement of Intelligence (pedagogical and psychological examinations). (Hodder & Stoughton: London.)

1922. Group Tests of Intelligence, Chap. XX, The Uses of Group Tests. (Hodder & Stoughton: London.) See also *Educnl Rec.*, 1922. Nov., 238 seqq.

1923. The New Examiner, I, Origins and Principles, II, Examinations as Measurement, V, The Rejection of the Essay, VII, The New Examination on Trial, VIII, The True False Test, etc. (Hodder & Stoughton: London.) See also *Educnl Rec.*, 1923. Dec., 308 seqq.

See also under B.A., 1927; *Brit. Journ. Psych.*, 1922; *Brit. Psych. Soc.*, 1920; *Child Study Soc., Journ. Proc.*, 1922-23; *Conf. Educnl Assns.*, 1920, 1925; *Conf. Exams.*, 1931; *Educnl Times*, 1920; *Encycl. Brit.*, 1929; *Forum Educn*, 1923; *Month. Sch. Cal.*, 1924; *N.U.W.T.*, 1929; *Schohaus. Willi.*, 1932; *T.E.S.*, 1924, 1929.

BARKER, CHARLES H., see under *Sch.-mstr*, 1927.

BARKER, CHARLES MYLNE, see under Law Society, 1905.

BARKEE, ERNEST, see under Gen. Hist. Educn, 1932, Kotschnig, Walter M.

BARNES, WALTER N., see under Percy, Lord Eustace, 1932, Yr Bk. etc.

BARNETT, P. A., see under College of Preeptors, 1901.

BARNSELY EDUCATION COMMITTEE, see under *Educn*, 1928.

BARRILET, M., see under Conf. Exams. 1931.

BARRY, ALFRED, see under *Ninet. Cent.*, 1878.

BARRY, CHARLES EDWARD, see under Gen. Hist. Educn, 1932.

- BARTON A. W., *see under* Conf. H.-mstrs, 1930.
- BARTON, J. E., *see under* *Month. Sch. Cal.*, 1925 ; N. of E. Educn Conf., 1907 ; *Sch. Wor.*, 1907.
- BATEMAN, DONALD, *see under* *Lancet*, 1930.
- BATER, A. B., *see under* *Par. Rev.*, 1912.
- BATTEN, LINDSEY W., *see under* *Lancet*, 1930.
- BÄUMER, GERTRUD. *see under* Germany, *see also* etc.
- BAYLEY, J. MOORE, *see under* *Law Journ.*, 1908 ; Law Society, 1908.
- BAYLISS, R. WYKE, *see under* *Journ. Educn*, 1921.
- BECKER, CARL, *see under* Conf. Exams, 1931.
- BEDFORD LAW STUDENTS' SOCIETY, *see under* *Law Journ.*, 1903.
- BEDFORD SCHOOL, *see under* Gen. Hist. Educn, 1925.
- BELGIUM, *see under* B. of E., Pamphlets, 1932 ; *Nat. Inst. Indus. Psych. Journ.*, 1930 ; *Sch.-mstr*, 1920.
- BELL, ANDREW, *see under* K.E.C., 1926.
- BELL, G. C., *see under* B.A., 1903.
- BENNETT, CHARLES A., *see under* Leo, Edwin A., 1928, Objectives, etc.
- BENSON, A. C., *see under* R.S.A., 1916.
- BENTHAM, JEREMY, *see under* Gen. Hist. Educn, 1816, 1827.
- BENTLIFF, WALTER D., *see under* *Sch. Wor.*, 1911.
- BENTWICH, HERBERT, *see under* *Law Journal*, 1901.
- BERRIDGE, DOUGLAS, *see under* Sci.-mstrs Assn, 1905, 1926.
- BERRY, ARTHUR, *see under* B. of E., Special Reports, 1912.
- BEY, M. ISHAN, *see under* Turkey.
- BHAVE, N. K., *see under* *Ind. Educn*, 1907, 1912.
- BIBLIOGRAPHIES, *see* p. xvii *above*.
- BIGGE, SIR L. A. SELBY-, *see* Selby-Biggo, L. A.
- BINET TESTS, *see under* *Child Study*, 1913, 1914, 1915 ; *Educnl Times*, 1910 ; *Eug. Rev.*, 1914 ; Richardson, C. A., 1922 ; *Sch. Wor.*, 1910 ; Terman, Lewis M., 1919.
- BINNS, HENRY, *see under* *Forum Educn*, 1923 ; Gen. Hist. Educn, 1908.
- BIOLOGY, *see under* B.A., 1931 ; B.M.A., 1920.

Biometrika.

- 1909 (July)- 1910 (Oct.), 542, On the Value of the Teacher's Opinion of the General Intelligence of School Children, compiled from the Tables and Reduction of H. Gertrude Jones.
- 1911 (July)- 1912 (Jan.), 79, The Teacher's Estimation of the General Intelligence of School Children (H. Waite), 94, On the Significance of the Teacher's Appreciation of General Intelligence (W. H. Gilby).

BIRCH, SILAS, see under *Educnl Times*, 1920.

BIRCHENOUGH, C., see under *Gen. Hist. Educn*, 1925.

BIRENHEAD, COUNTY BOROUGH OF, EDUCATION COMMITTEE, see under Sadler, Sir Michael, 1904.

BIRMINGHAM APPRENTICESHIP CERTIFICATE, see under *Tech. Journ.*, 1932.

BIRMINGHAM EDUCATION COMMITTEE.

1922. The Passage to the Secondary School: new Birmingham Scheme. See *Educn*, 1922, Aug. 25: 109-110.
1932. Vocational Tests. Report on Aids to Choice of Employment, Introduction by Sir Charles Myers. See *Hd Tchrs Rev.*, 1932, Nov., 280-282.
- See also under *Hd. Tchrs Rev.*, 1932; *Hum. Fac.*, 1932.

BIRMINGHAM UNIVERSITY.

1912. Secondary Education Board, Meeting, Dec., Recommendations in regard to Examinations. See *Assn H.-mstrsres*, Report, 1914, 63-64 (Reports of Representatives).

BISHOP, A. G., see under *Assn Asst Mstrs*, 1932.

BLACKWOOD, HARRY, see under *Scott. Educnl Journ.*, 1924.

BLAIR, SIR ROBERT, see under *B.A.*, 1908; Burt, Cyril, 1927.

BOARD OF EDUCATION.

Circulars.

446. New System of Payment for Science and Drawing (1900).
454. Circular to Training Colleges. A Two-Years' Continuous Course of Study (periodical inspection and examination at end) (1901).
463. Circular to Training Colleges. A Two-Years' Course of Study, 1902-4. (Preliminary or Qualifying Subjects...tested by inspection and oral examination, but not, as a rule, by written examination) (1902).
465. Circular to Training Colleges. Matriculation Examinations (Women Students) (1902).
469. Circular to Training Colleges. Certificate Examination of Students (1903 and 1904).
485. Circular to Training Colleges. Modifies Circular 469 as regards students failing in University Examinations (1903).
486. Circular to Training Colleges. Courses of Study 1903-5. (Difficulty of securing a standard by which to estimate the work of the students in widely different courses. . . .) (1903).

BOARD OF EDUCATION—Circulars—*Cont.*

495. Training Colleges. Proposed examination arrangements for 1904 and 1905.
496. Circular to Local Education Authorities. Admission Examination for Pupil Teachers, 1904. (Collective examination remodelled with a view to making it a general test of proficiency.)
530. Circular to Local Education Authorities, Training Colleges and Pupil-Teacher Centres (Preliminary Examination for the Certificate).
532. Revised Regulations of the 21st March, 1901, as to Certificate of Age, Proficiency, and School Attendance (Elementary Education Act, 1876, Sec. 24).
560. Examination of Candidates from Public Elementary Schools for Free Places in Secondary Schools (1907).
571. Circular to Local Education Authorities and others. Science in Preliminary Certificate Examination (1907).
573. Memorandum on the History and Prospects of the Pupil-Teacher System, 13, sec. 26, Recognition of Probationers without Examinations, etc.; 18, sec. 37, Merging of Pupil-Teacher Centres in Secondary Schools—the examination question, 20, sec. 39, The King's Scholarship Examination, 1905-6, sec. 40, Failures at the Preliminary Examination for the Certificate (1907).
756. Circular to Secondary Schools and Pupil-Teacher Centres. (Statement as to the Examinations accepted by the Board as qualifying candidates to be admitted to Training Colleges) (1910).
761. Qualifying Test of Candidates for Royal Scholarships and Free Studentships (Science) (1911).
776. Circular to Local Education Authorities and others. Science Examinations and Grouped Course Certificates (1911). *See also under Assn of T. in Tech. Inst.*, 1911, 1928.
826. Memoranda on Teaching and Organisation in Secondary Schools, Secs. 24 and 36, Examinations.
849. Circular to Local Education Authorities and Secondary Schools, Examinations in Secondary Schools—Proposals of the Board of Education for the Examinations (1914). *See also Co. Sch. Rev.*, 1915, Vol. 7, No. 2, Dec., 49-50; *Educational Times*, 1915, Apr. 1: 141; May 1: 183; 1917, Aug. 1: 85; *Journ. Educn*, 1915, June, 335; *Sch. Gov. Chron.*, 1915, May 29: 357 (Yoxall); *Sch. Wor.*, 1915, Feb., 63-65; Apr., 121; May, 174 (Walter Rippmann); June, 201-209; July, 251-253, Expression of views, Head-masters and Headmistresses; 1916, 62-64; *Sec. Educn*, 1915, Mar., 35-36; *Sec. Sch. Assn*, 1915, 1916; *T.E.S.*, 1915, Apr. 6: 50; July 6: 86, 87; 1917, May 24: 195, May 31: 205. *See also under Assn Asst Mstrs*, 1915, 1916; *Assn H.-mstrs*, 1915, 1916, 1917; *Conf. Educnl Assns*, 1915; *Conf. H.-mstrs*, 1914; *L.C.C.*, 1915; *N.U.T.*, 1915; *Sec. Sch. Assn*, 1915, 1916; *Tchrs Guild*, 1915; *T.R.C.*, 1915.
933. Circular to Local Education Authorities and Secondary Schools, Examination of Secondary Schools. Proposals (1915).
950. Circular to Local Education Authorities and Secondary Schools, Suggestions for improvements of examinations (1916).
986. Examinations of Secondary Schools (1917). *See also Sch. Gov. Chron.*, 1917, June 2: 207-208.

BOARD OF EDUCATION—Circulars—*Cont.*

996. Examination of Secondary Schools (1917).
 1002. Scheme for the better organisation of examinations in secondary schools (1917). See also *Educnl Times*, 1917, Aug. 1: 99; *T.E.S.*, 1917, June 21: 236.
 1010. The Examinations Council (1917). See also *T.E.S.*, 1917, Sept. 20: 365.
 1034. Circular to Local Education Authorities and Secondary Schools. Recommendations of Secondary School Examinations Council as to Approved Examinations (1918). See also *Co. Sch. Rev.*, 1918, Vol. 8, No. 2, 43-46; *T.E.S.*, Mar. 14, 1918, 117.
 1166. Circular to Local Education Authorities and Secondary Schools (Board's decision on Reports of Secondary School Examinations Council) (1920). See also *T.E.S.*, 1920, Aug. 26: 469.
 1171. Acceptance of First Examinations for Admission to Training Colleges and for the Recognition of Uncertified Teachers (1920).
 1260. Circular to Local Education Authorities (Part II) and Secondary Schools (Provisional Recognition of Examinations given in Circular 1166) (1922).
 1387. Certificates and Diplomas in Science and Technology (1926). See also *Tech. Journ.*, 1926, Dec., 174, 178-179.
 1394. Circular to Local Education Authorities for Higher Education and Training Colleges, Examinations for Rural Pupil Teachers in July 1929 (1927).
 1401. The First Examination (1929). See also *T.E.S.*, 1929, Apr. 13: 168.
 1421. Circular to Local Education Authorities for Higher Education and to Grant-aided Schools (dealing with Admission to Free Places). 1932. See also *T.E.S.*, 1932, Nov. 26: 441.

Consultative Committee.

1901. Statement respecting the Examinations of Teachers for Diplomas held by the College of Preceptors, prepared for the information of the Consultative Committee to the Board of Education.
 1904. Proposals for a System of School Certificates. See also *B.A.*, 1903; *Educn*, 1904, July 28: 59; *Journ. Educn*, 1904, Aug., 537-538; *Sch. Wor.*, 1904, Aug., 325-327 (J. L. Paton); and under *Conf. H.-mstrs*, 1904, 1905.
 1906. Report upon Questions affecting Higher Elementary Schools. See also *Nature*, 1906, Nov. 22: 88-89.
 1911. Report of Consultative Committee on Examinations in Secondary Schools (Cd. 6004). See also *A.M.A.*, 1912, Mar., 45-46; *Co. Sch. Rev.*, 1912, Vol. 3, No. 3, Apr., 292; *Educn*, 1912, Jan., 12: 20-21; *Educnl Times*, 1912, Jan. 1: 18; *Journ. Educn*, 1912, Aug., 531 (R. W. Hinton); *Lancel*, 1912, June 15: 1629; *Nature*, 1912, Feb. 29: 587; 1917, Sept. 20: 45; *Sch. Gov. Chron.*, 1911, Dec. 31: 542-543; 1912, Jan. 6: 9-10, 17, Jan. 13: 32; Feb. 10: 133-135, Feb. 24: 169-170; *Sch. Guar.*, 1911, Dec. 30: 1396-1397; *Sch. Wor.*, 1912, Feb., 41-44; *Sec. Educn*, 1912, Jan. 15: 25, Mar. 15: 46, 48; *T.E.S.*, 1912, Jan. 2: 1, Feb. 6: 15; Apr. 2: 43; May 7: 55.

BOARD OF EDUCATION—Consultative Committee—*Cont.*

1916. Interim Report of the Consultative Committee on Scholarships for Higher Education (Cd. 8291). *See also A.M.A.*, 1916, Dec., 141.
1923. Report on Differentiation of the Curriculum for boys and girls respectively in Secondary Schools. *See also under N.U.T.*, 1921.
1924. Report of the Consultative Committee on Psychological Tests of Educable Capacity and their possible use in the public system of education. *See also Eduen*, 1924, July 25: 68 *segg.*; *Nature*, 1924, Sept. 27: 489; *T.E.S.*, 1924, July 12: 313, and *under Schmstrs* Yr Bk, 1924.
1926. Report on the Education of the Adolescent. *See also Eduen*, 1927, Jan. 7: 11; *Journ. Educn*, 1927, Feb., 85-86; May, 303-304.
1931. Report on the Primary School, Chap. X, Examinations in Primary Schools.

Educational Pamphlets.

1926. No. 47. A Memorandum on the position of French in Grant-aided Schools in England (various sections on the influence of Examinations).
1928. No. 60. New Prospect in Education. *See also T.E.S.*, 1928, June 6: 255.
- No. 63. Memorandum on Examinations for Scholarships and Free Places in Secondary Schools. *See also Sch. Gov. Chron.*, 1928, Jan. 26: 59 (Frank Smith); *Sch.-mstr*, 1928, Oct. 4: 558.
- No. 70. Report on the Position of French in the First School Certificate Examinations (Midsummer 1928). *See also Sch.-mstr*, 1929, June 20: 1253; and *under Conf. Educnl Assns*, 1930; *Mod. Lang. Assn*, 1930.
1929. No. 71. Memorandum on the present position of Latin and Greek in Grant-aided Secondary Schools in England, 11-12, First and Second Examinations.
1930. No. 82. Memorandum on the teaching of foreign languages in certain types of schools.
1932. No. 89. Memorandum on the Teaching of Science in Senior Schools, 8-9, Examinations. *See also Nature*, 1932, Aug. 27: 289-291; Oct. 11: 510 (W. F. F. Shearcroft); Oct. 29: 663-664 (T. Hartley).
- No. 91 (Industry Series No. 11). Trade Schools, on the Continent, 34, France, The Leaving Certificate (Paris, Ecoles Professionnelles), 48, Belgium, Examinations (Trade Schools). *See also Sch.-mstr*, 1932, Oct. 20: 545; *Tech. Educn*, 1932, Oct. 15: 231; *T.E.S.*, 1932, Oct. 22: 397-398.

Reports (Various).

1900. Annual Reports, 1900 onwards (contain references to Examinations largely under the headings 'Education and Training of Teachers' and 'Technical Schools') (Examinations in Science and Art).
1907. General Report on the instruction and training of pupil-teachers, 1903-1907, with historical introduction; para. 39, The King's Scholarship Examination, 1905-1906, para. 40, Failure at the Preliminary Examination for the Certificate.

BOARD OF EDUCATION—Reports (Various)—(Cont.)

1920. Report of Departmental Committee on Scholarships and Free Places: Examinations as method of selection (Ed. 968). See also *Can. Sch. Rev.*, 1920, Vol. 6, No. 5, 275-278; *T.E.S.*, 1920, Oct. 28: 571; Nov. 11: 596. See also under Assn Tech. Inst., 1921; N.U.T., 1920.
1921. The Teaching of English in England: Being the Report of the Departmental Committee appointed by the President of the Board of Education to inquire into the position of English in the Educational System of England, Chap. IX, § II. English and Examinations.
1925. Report of the Departmental Committee on the Training of Teachers for Public Elementary Schools.
1928. Report of the Departmental Committee on Examinations for Part Time Students. See also *Educat.*, 1928, Sept. 21: 230, 242, 287; *Nature*, 1928, Nov. 3: 711-712; *Sch.-mstr.*, 1928, Sept. 27: 506; *T.E.S.*, 1928, Sept. *supp.*, 406, 457, 512; and under Assn of T. in Tech. Inst., 1928; Assn Mun. Corp., 1928.
- Report of the Committee on Universities and Training Colleges.
1929. Report of the Departmental Committee on the Training of Rural Teachers, 18-21. Syllabus and Examination, Chap. III. Examination and Syllabus.
1930. Second Interim Report of the Committee on Education for Salesmanship: Modern Languages, 8, 16, 18, 27, 32, 42. Examinations in England and Wales, Denmark, Germany, Holland, Sweden, Switzerland.
1931. Final Report of the Committee on Education for Salesmanship, 45. Examinations in Senior Elementary Schools and Junior Commercial Schools, 53. Examinations in Secondary and Public Schools, 72. Selection and Examination, 149. Commercial Scholarships.

Secondary School Examinations Council.

1919. Reports for the years 1917-18 and 1918-19. For subsequent Reports see Annual Reports of the Board of Education. See also *Educat.*, 1926, Mar. 30: 331; *Ind. Educat.*, 1919, Sept., 57 (Sir Michael Sadler); *Sch. Wor.*, 1917, July, 223-225 (L. A. Selby-Bigge); Nov., 368-370; *Sch.-mstr.*, 1920, June 20: 1253.
- Reports of the Investigators appointed in accordance with the Resolution of the Council passed on 8th June, 1918, to inquire into the methods and standards of award in the seven approved First Examinations held in July 1918 onwards (Annual). See also *Scott. Educat. Journ.*, 1932, Oct. 28: 1294-1295.
1921. Reports of the Investigators appointed . . . to inquire into . . . eight second Examinations held in July, 1920.
1932. The School Certificate Examination: being Report of the Investigators . . . on eight approved School Certificate Examinations held in the summer of 1931 (Pt. II. Subject Reports: English, History, Religious Knowledge, Geography, Modern Languages, Classics and Ancient History, Mathematics, Science, Art, Music, Domestic Subjects). See also *A.M.A.*, 1932, Nov., 259; *Educat.*, 1932, Oct. 14: 350; Dec. 9: 586; *Journ. Educat.*, 1932, Nov., 751-753; *Sch.-mstr.*, 1932, Oct. 13: 517, Oct. 20: 548 (W. H. Spikes), Oct. 27: 605 (Art Examinations); Dec. 8: 832;

BOARD OF EDUCATION—Secondary School Examinations Council—*Cont.*

Scott. Educat. Journ., 1932, Oct. 28: 1294-1295; *T.E.S.*, 1932, Oct. 15: 389-390, 398; *Welsh Sec. Sch. Rev.*, 1932, Michaelmas Term, 33-37, The School Certificate Report (H. M. Cameron), and under N.U.T., 1932.

Special Reports.

1900. Vol. 6, 61 *seqq.*, The Preparatory School Curriculum, Entrance Scholarships (G. Gidley Robinson), 91 *seqq.*, Entrance Scholarships at Public Schools and their Influence on Preparatory Schools (E. Lyttelton), 107 *seqq.*, Examinations for Entrance Scholarships at the Public Schools: their character and effect on the educational work of Preparatory Schools (C. C. Lynam). See also *Nature*, 1901, Feb. 21: 407-408 (A. T. Simmons).

1901. Vol. 5, Educational Systems of the Chief Colonies of the British Empire (Cape Colony, Natal, Commonwealth of Australia, New Zealand, Ceylon, Malta).

1907. Vol. 17, Schools Public and Private in the North of Europe (Sections on Leaving Examinations in Sweden, Finland, Norway, Denmark) (J. S. Thornton).

1911. Vol. 24 (3), A Comparison between French and English Secondary Schools (Cloudesley Brereton), 280, V. Examinations: their conduct and aim; Preparation for the Higher Examinations; Radical Difference between French and English Examinations (English Examinations mainly an audit of knowledge; French Examinations an audit on the art of production rather than of reproduction); (5), The Secondary Education of Girls in France, 417, Scholarships, 451, Examinations; 7, L'Enseignement Supérieur en France (Louis Cazamian), 499, Examens et Diplômes; (8) L'école Normale Supérieure, 545 *seqq.*, Organisation of Examinations (E. R. Edwards).

1912. Vol. 27, 68 *seqq.*, Mathematical Examinations at Oxford (A. L. Dixon), 183 *seqq.*, Recent Changes in the Mathematical Tripos at Cambridge (English University Education... dominated by examinations) (Arthur Berry), 210 *seqq.*, Examinations for Mathematical Scholarships (F. S. Macaulay), 263 *seqq.*, Examinations for Mathematical Scholarships at Oxford (A. E. Jolliffe), 273 *seqq.*, Examinations for Mathematical Scholarships at Cambridge (G. H. Hardy).

Vol. 26, 439 *seqq.*, Examinations from the School Point of View (Cecil Hawkins).

State Scholarships.

1930. Grant Regulations No. 5 (1930). Statutory Rules and Orders 1930, No. 386. State Scholarship Regulations 1930... made by the Board of Education under Section 118 of the Education Act 1921 (11 and 12 Geo. 5. c. 51) for the award of scholarships tenable at Universities.

Welsh Department, *see under* Wales.

See also under Bibliographies.

ROBERTAG, OTTO, *see under* Conf. Exams, 1931.

BODE, MABEL, *see under* Germany.

BOILLOT, F., see under *Mod. Languages*, 1927, 1929.

BOOK-KEEPING, EXAMINATIONS IN, see under Law Society, 1916.

BOTWELL, T. H., see under *A.M.A.*, 1917.

BOUGLÉ, C., see under Conf. Exams., 1931; Gen. Hist. Educn., 1932.
Kotschnig, Walter M.

BOVET, PIERRE, see under Conf. Exams., 1931.

BOWER, WILLIAM R., see under Assn T. in Tech. Inst., 1923; *Educn.*, 1914.

BOWIE, S., see under *Journ. Exp. Ped.*, 1921.

BOWMAN, H. E., see under Palestine.

BOYD, WILLIAM.

1924. *Measuring Devices in Composition. Spelling and Arithmetic*, Preface, 6-7, teaching will never be a proper self-respecting profession till most of the functions of inspection and examination are in the hands of the teachers . . . ; *Composition* (sections on Marking, Arithmetic (Tests)). (Harrap & Co. Ltd.: London.)

See also under *Forum Educn.*, 1926; Gen. Hist. Educn., 1921; Hartog, Sir Philip, 1918; *Journ. Exp. Ped.*, 1914; *Scott. Educn. Journ.*, 1922, 1924.

BRADFORD, E. J. G., see under *Forum Educn.*, 1923.

BRADFORD EDUCATION COMMITTEE, see under Germany, Edwards, W.

BRADFORD INDEPENDENT LABOUR PARTY.

(1931.) *The Secondary School; Higher Education; Educational Administration: being Parts IV, V and VI of the Report of the Commission appointed by the Bradford Independent Labour Party, Chap. XXXVIII, 62 seqq., Secondary School Examinations; Chap. XLI, 106 seqq., Relation between Secondary Schools and Universities.* (Thornton Pearson, Ltd.: Bradford.)

BRADY, J. B., see under Southern Rhodesia.

BRAGINTON, S., see under Royal Commission on Civil Service, 1912.

BRAMWELL, A. B., see under Germany: *Par. Rev.*, 1903.

BREBETON, CLOUDESLEY.

1913. *Studies in Foreign Education with special reference to English problems*, 48, *Examinations: Their Conduct and Aim; Preparations for the Higher Examinations; Radical Differences between French and English Examinations.* (George G. Harrap & Co.: London.)

See also under B. of E., *Special Reports*, 1911; *Encycl. Brit.*, 1929; *Journ. Educn.*, 1930; *Mod. Languages*, 1932; *School*, 1904; *Sch. Wor.*, 1907; *T.E.S.*, 1932.

BRIDGE, G. F., see under *Journ. Educn.*, 1929.

BRIGHTON SCHOLARSHIP SCHEME. see under *Sch. Gov. Chron.*, 1906.

BRIGSTOCKE, W. O., see under *Mod. Lang. Teach.*, 1905.

BRISCOE, H. V. A., see under *A.M.A.*, 1931, 1932.

BRISTOL EDUCATION COMMITTEE.

1912. Meeting, August, Discussion on Scholarships and Coaching.
See also *Educn*, 1912, Aug. 30 : 138.

BRISTOL UNIVERSITY.

1928. School Certificate Committee, Report, Group System, etc. See also *A.M.A.*, 1928, Dec., 288.
See also Percy, Lord Eustace, *Yr Bk*, 1932, 126, 438-440, 451; and under *Assn Ass. Mstrs*, 1931; *Journ. Educn*, 1925.

BRITISH ASSOCIATION.

1901. Report. Transactions of Section L. 448 *seqq.*, 869, The Influence of Universities and Examining Bodies upon the Curriculum of Secondary Schools (Bishop of Hereford, Rt. Rev. John Poreival); Presidential Address (Sir John E. Gorst), 859, Examinations are still too often regarded as the best instrument for promoting mental progress . . . the delicately expanding intellect is crammed with ill-understood and ill-digested facts, because it is the best way of preparing the scholar to undergo an examination-test, 866, On the Scope of the Science of Education (H. L. Withers). See also *Educn News*, 1902, July 12 : 473 *seqq.*; *Prep. Sch. Rev.*, 1901, Dec., 70 *seqq.*

Discussion on the Teaching of Mathematics at a Joint Meeting of Section A (Mathematics and Physics) and Section L (Education), ed. by John Perry, 5, 52-53, 75, 88, 90, 98, 109, Mathematics and the Examination influence (Published separately by Macmillan & Co. : London, 1902). See also *Nature*, 1902, Mar. 20 : 457.

1902. Report, Section L., Address (Henry E. Armstrong), 835, Entrance Examinations . . . should have effect of leading schools generally to impart the rudiments of a sound general education; schools have discovered that successes gained in examinations are the most effective means of advertising; responsibilities of examiners.
1903. Report, 360 *seqq.*, Report of Committee on Influence of Examinations. Proposals of the Consultative Committee of the Board of Education for a System of School Certificates, etc., 845-848, School Leaving Certificates (Discussion : G. C. Bell, Sir Oliver Lodge and others).
1904. Report, 434 *seqq.*, Report of Committee on Influence of Examinations, Soc. L, 869, Pres. Address (Sir Wm. de W. Abney). See also *Educn*, 1904, Sept. 1 : 161; *Educn News*, 1904, Aug. 27 : 605-606; *Sch.-mstr*, 1904, Sept. 3 : 395.
1906. Report, Examination and Inspection, Paper presented to British Association, York (Henry E. Armstrong). See also *Sch. Wkr.*, 1906, Sept., 332-335.
1907. Report, 707 *seqq.*, Transactions of Section L, Articles on the Scholarship System (Sir Michael Sadler and H. Bompas Smith, Isabel Cleghorn, A. R. Pickles, S. Heron, G. G. Bidley Robinson, H. B. Baker, H. A. Miers, A. A. David), 724, 718 *seqq.*, Report of Committee on Curricula of Secondary Schools; recommendations

BRITISH ASSOCIATION—*Cont.*

- in regard to Entrance Scholarships in Secondary Schools. See also *Educnl Times*, 1907, Oct. 1: 443 *seqq.*; 1908, Jan. 1: 25 *seqq.*; *Nature*, Sept. 12: 505-507; *Sch. Gov. Chron.*, 1907, Aug. 10: 129 *seqq.*, Dec. 14: 499; *Sch. Wor.*, 1907, Sept., 323-324.
1908. Report, 531, 533, 534, Report of Committee appointed to consider and advise as to the Curricula of Secondary Schools (Science Section of Boys' Schools), adverse influence of external examinations on teaching, 929, The Scholarship Scheme (Sir Robert Blair (L.C.C.)). See also *Sch. Gov. Chron.*, 1908, Oct. 10: 298-299; *T.G. Quart.*, 1908, June 15: 36.
1910. Report, Transactions of Section L, 792, 798, 799, Pres. Address (H. A. Miers), Object of Entrance Examinations, etc., matriculation, etc., 804 *seqq.*, Report on Mental and Physical Factors involved in Education (Otto Lipmann, Cyril Burt, William Brown, John Gray, Katharine L. Johnston, H. S. Lawson, Ernest Neumann, Charles S. Myers).
1911. Report, Transactions Section L, 615-6, Pres. Address (J. E. C. Welldon), Protest against tyranny of Examinations, 623, The Place of Examinations in Education (Discussion: Sir Philip Hartog, Miss S. A. Burstall, Sir T. Percy Nunn), 624, Examinations and Inspections (Jessie White). See also *Educnl*, 1911, Aug. 25: 114, Sept. 8: 143 *seqq.*; *Educnl News*, 1911, Oct. 13: 1031; *Sch. Gov. Chron.*, 1911, Sept. 9: 210-211, 214 *seqq.*; *Sch.-mstr.*, 1911, Sept. 9: 394; *Sch. Wor.*, 1911, Oct., 361-369, 375-378; 1912, Sept., 330-342; *T.E.S.*, 1911, Sept. 5: 116.
1912. Report, 338 *seqq.*, Final Report of the Committee on Secondary School Examinations; Overlapping between secondary education and that of universities and other places of Higher Education, 694, Transactions of Section L, Address (Sir John Adams): An Objective Standard in Education (individual examination system). See also *Educnl Times*, 1911, Sept., 369 (Interim Report of Cttee on Sec. School Examinations); and under Scotland.
1914. Report, (Meeting at Melbourne) 623 *seqq.*, Trans. Sec. L, Mathematics and Science as part of a liberal education (W. D. Eggar). See also *Educnl*, 1915, Apr. 2: 160-161.
(Meeting at Sydney), 607, Pres. Address (John Perry), Examinations. See also *Educnl*, 1914, Sept. 4: 150.
1915. Report, 742, Transactions of Section L, History as a subject of school study (evils of examinations) (J. E. Morris). See also *Sch. Gov. Chron.*, 1915, Sept. 18: 190.
1917. Report. Report of the Committee on Science in Secondary Schools (Sir Richard A. Gregory: Chairman), 135-136, The teacher should not fail to give due scope to the "wonder-motive" and the "utility motive"; the "systematising motive," 144-147. VIII. Inspection and Examination.
1919. Report, 342, Educational Ideals and the Ancient Universities. No Entrance Examination (Sir Napier Shaw), 362-363, The Function of Examinations in Education (Marcus Hartog). See also *Educnl*, 1919, Sept. 12: 185.
1922. Report, 208, *seqq.*, Section L., Address, Educational and School Science (aims of the First School Examinations, Geography, Physics, the ultimate end of the instruction is not education but examination) (Sir Richard Gregory). See also *Nature*, 1922, Nov. 7. 11: 650-651.

BRITISH ASSOCIATION—*Cont.*

1923. Report, 499, Qualifying and Competitive Tests for admission to Secondary Schools: An account of experiments in Wallasey (T. Samuel). See also *Educn*, 1923, Oct. 5: 178 *seqq.*; *Sch. Gov. Chron.*, 1923, Oct. 27: 241; Nov. 17: 286; Dec. 1: 316.
1924. (Meeting at Toronto), Report, 456-457. Joint Discussion of Sections L and J (Psychology) on Tests for Scholarships and Promotions (Cyril Burt and others). See also *Nature*, 1924, Oct. 11: 556.
1925. Report, 380, Trans. Sec. L, Culture and Examination Requirements (J. Wickham Murray). See also *Educn*, 1925, Sept. 4: 226.
1926. Report, 422, Sec. L, Scholarships for University Education; Methods of selection and influence on the present system of education (W. H. Fyfe). See also *Journ. Car.*, 1926, Sept. 13; *Journ. Educn*, 1926, Sept., 679-680.
1927. Report, 195, 196, Address: The Broadening of the Outlook in Education; Examinations, Scotland and England (Duchess of Atholl), 402, School Examinations (P. B. Ballard, J. M. Crofts, B. C. Wallis, J. H. Arnold). See also *A.M.A.*, 1927, Oct. 264 *seqq.*; *Educn*, 1927, Sept. 16: 205 *seqq.*, Sept. 23: 200-201; *Journ. Car.*, 1927, Oct., 20; *Journ. Educn*, 1927, Oct., 742-744.
1928. Report, 209 *seqq.*, Education: The Next Steps (School Certificate Examination, etc.) (Cyril Norwood), 443 *seqq.*, Report of Committee on Science in School Certificate Examinations (Sir Richard A. Gregory: Chairman). I. School Certificate Examinations. First School Examination, Second School Examination, 446, the Examination System has now acquired such a masterful position in our educational world that what it does not encourage it tends in effect to frustrate, 456, 457, Science Course for boys or girls who leave school before they are about 16½ should be broad rather than deep, 485-497, Scheme of Science work for an Urban Secondary School for boys (12-16), (Sir T. Percy Nunn). See also *A.M.A.*, 1928, Oct., 227; *Educn*, 1928, Sept. 14: 224; *Journ. Educn*, 1928, Oct., 723, 741; 1929, May, 317-318; *Par. Rev.*, 1928, Nov., 697; *Sch. Gov. Chron.*, 1928, Sept. 15: 154-155; *Sch.-mstr*, 1928, Sept. 13: 410; *Tech. Journ.*, 1929, Apr., 68; *T.E.S.*, 1928, Sept. *seqq.*, 388, 397, 407, 408, 410, 420, 428, 437-438, 443-444, 452, 455, 464, 476, 492.
1929. Report, 223-224, Modern Movements in Education (Intelligence Tests) (C. W. Kimmins), 272, Report of Committee appointed to consider the educational training of Boys and Girls in secondary schools for Overseas Life (Examinations; First School Certificate; Examinations difficulty), 379, Psychological Tests in Relation to Education and Vocational Guidance (Shepherd Dawson), 403 *seqq.*, Examinations leading to the secondary school (J. L. Holland); Examinations in, and at the end of, the secondary school course (E. R. Thomas); Examinations in the secondary schools with special reference to South Africa (J. F. Burger). See also *Educn*, 1929, July 26: 86-87; Aug. 9: 126; *Journ. Educn*, 1929, Oct., 740, 744 *seqq.*; *Nature*, 1929, July 27: 150; Oct. 5: 516-518; *Sch.-mstr*, 1929, Jan. 10: 56.
1931. Report. Report of the Committee on General Science in Schools with special reference to Biology (Sir T. Percy Nunn, G. W. Olive).

BRITISH ASSOCIATION—*Cont.*

1932. Presidential Address (W. Mayhowe Heller), The Advancement of Science in Schools—its Magnitude and Sense, 216-218, The Influence of External Examinations, Practical Examinations (Examinations and Method: The public demand for examinations). See also *Hd. Tchrs' Rer.*, 1932, Nov., 276; *Sch.-mstr.*, 1932, Sept. 8: 310; *T.E.S.* 1932; Sept. 3: 338, 339; Sept. 10: 350.

See also under Ireland, Scotland.

BRITISH COMMONWEALTH EDUCATION CONFERENCE (London), see under New Education Fellowship, 1931.

British Journal of Educational Psychology.

1931. Feb., 73, Examinations and Intelligence. Test Forecasts of School Achievement (A. Donald Amos); Nov., 296-312, The Basis of Marking (Frank Sandon).
1932. June, 125, The Standardization of Group Tests and the Scatter of Intelligence Quotients: A contribution to the theory of examining (Godfrey H. Thomson).

British Journal of Psychology.

1909. Dec., 94 *seqq.*, Experimental Tests of General Intelligence (Cyril Burt).
1921. Jan., 251, Report on the Selection of Children for Higher Education at Hamburg (Godfrey H. Thomson); Dec., 201, The Northumberland Mental Tests (Godfrey H. Thomson).
1922. July, 92, Critical Notice of Cyril Burt's *Mental and Scholastic Tests* (P. B. Ballard).
1925. April, 405, Mental Tests for the Selection of University Students (The Object of the Investigation, The Tests used and Method of Application, The Validity of the Thorndike Examination. Value of the Tests for Forecasting Failures and Selecting Gifted Students with Irregular or Deficient Preparations (Agnes L. Rogers).
1926. Monograph Supplement, No. 9, How We Judge Intelligence: an Investigation into the Value of an Interview as a Means of Estimating General Intelligence, 53, Intelligence Tests and System of Marking, 101, The Interview and the Minor Scholarship Examination, etc. (Egbert H. Magson.)
1931. July, 73-86, Answer-Pattern and Score-Scatter in Tests and Examinations (David Walker).

BRITISH MEDICAL ASSOCIATION.

1920. 89th Annual Meeting, Section of Medical Education, Introductory Address on the Place of Preliminary Science in the Medical Curriculum (If the training of the student . . . be taken into account as part of his degree examination, we should move the whole centre of gravity of the medical course away from the hazards and fortunes of the examination system) (Sir George Newman); Discussion, Biology (Sydney J. Hickson), Anatomy (Arthur Keith), Physics (Sir E. Rutherford), Pathology (J. Lorrain Smith), Chemistry (Arthur Smithells). See *Brit. Med. Journ.*, 1920, July 3: 8-20, 73 *seqq.*, General Discussion (Simon Flexner, etc.); July 17: 88, Note; *Nature*, 1920, July 22: 661-662.

BRITISH MEDICAL JOURNAL.

1902. Feb. 8: 352, Examinations and the R.A.M.C. (it can . . . never be too much emphasized that the amount of information a person is able to put on paper in an examination is no standard of his fitness for having charge over the lives of men; Feb. 15: 425; Feb. 22: 485; Mar. 8: 621; Mar. 15: 680, *Correspondence, Classics in the Preliminary Examinations*; Dec. 6: 1798-1800, *The Preliminary General Education of Medical Students: Answer of the General Medical Council to the British Medical Association* (John Batty Tuke).
1904. Jan. 16: 144, *Preliminary General Education of Medical Students and the General Medical Council* (the multitude of existing examinations precludes the possibility of any certain uniformity of minimum standard) (W. Gordon).
1907. Mar. 9: 578-579, 584, *Medical Education and the Examination Fetish* (the external examination—that is to say, an examination conducted by an examiner to whom the candidate is entirely unknown—was the ideal of those who worshipped the examination fetish) (Lauriston E. Shaw). 584, *Teaching and Examination*; Nov. 2: 1197 *seqq.*, *English and German Education: a Parallel* (Sir Felix Semon), 1263, *The Medical Curriculum, German and British*.
1910. Apr. 2: 832-834, *Teaching, Examination, and Research* (The teachers in the London Schools are cursed by the number of examinations for which they have to prepare their students).
1911. Oct. 28: 1053-1056, *Medical Education, Past and Present* (Robert Saundby), 1637-1638, *Medical Education and Examinations* (Joseph Griffiths).
1912. Jan. 20: 152, *The Use of Examinations*; Sept. 28: 800-801, *Medical Education in Europe* (we rely too much on examinations); Oct. 5: 886-887, *Universities and Medical Education* (H. D. Rolleston); Oct. 12: 998, *Universities and Medical Education* (Arthur King).
1913. June 7: 1217-1218, *The General Medical Council and the Proposed Alteration in the Standard of Preliminary Examinations* (the instruction of a university, or that required for any professional career, ought to be accessible to every one who is free to take advantage of it, although he may not have been prepared at school to pass a particular "absolute and refined preliminary examination" (Sir Henry Morris), 1237, *Preliminary Examinations and Education*; Oct. 11: 946-948, *Examinations, Examiners and Examinees* (Sir William Osler).
1916. Oct. 14: 529, *Science and Literature in Education*.
1917. Dec. 1: 733, *Science in Examinations*.
1919. Jan. 25: 107-108, *The Reform of Medical Education*; Feb. 8: 164, *The Overfull Medical Curriculum*, 173, *The Reform of Medical Education, unification of examination schemes needed* (Fred Tresilian).
1921. Jan. 1: 20 *seqq.*; Jan. 8: 52 *seqq.*; Jan. 18: 88 *seqq.*, *Revision of the Medical Curriculum, Preliminary Sciences, Sub-Committees on Curricula, Professional Examinations*; Jan. 15: 92-93, *Problems of Medical Education* (the Examination Bugbear).
1922. Sept. 2: 407 *seqq.*, *The Training of the Medical Student* (evils of examinations, etc.) (Sir Clifford Allbutt).
1930. Aug. 9: 217 *seqq.*, *Correlation between Intelligence Tests and Written and Practical Examinations* (R. C. Garry).

BRITISH PSYCHOLOGICAL SOCIETY.

1908. May 9, The Application of Psychology to Education (Two Papers) (W. Brown & W. M. Keatinge).
 1919. Apr. 11, Education Section Meeting, Inaugural Address, Psychology and Education (Growing evidence of the practical efficiency of 'intelligence tests') (Sir T. Percy Nunn). See *Brit. Journ. Psych.*, 1920, March, 169.
 1920. Jan. 7, Education Section Meeting, The Development of Mental Tests (P. B. Ballard).
 1924. The Nature and Validity of Subjective Estimates of Intelligence: a paper read to the educational section of the Society, Mar. 10, 1924 (David Oates). See also *Forum Educat.*, 1924, June, 103 *seqq.*
 1928. Education Section. Backwardness in Arithmetic (Tests) (E. C. Wheeler), a paper read before the Section, Oct. 15. See also *Educational Res.*, 1928, Dec., 1-4.
 See also under Conf. Educat. Assns., 1920, 1925.

BRITISH SCIENCE GUILD.

1909. Meeting, Jan. 22, Resolutions adopted by Executive Committee, System and Science in Education (Primary and Secondary) School Certificates, Matriculation Examination, etc. See *Nature*, 1909, Jan. 28: 382.

Broad Way, The or Westminster Hospital Gazette.

1906. Aug., 81, Ideal Examinations (the examination system is so involved with all branches of activity in this country that it is impossible to unravel ourselves from it. All we can hope to do is to minimize its many and obvious defects. . . . I have never believed much in a simple viva voce examination.) (W. D. Halliburton.) See also *Brit. Med. Journ.*, 1906, Aug. 18: 363.

BROCK, M. D., see under Conf. Educat. Assns., 1929.

BROCKINGTON, W. A.

1928. A Short Review of Education in Leicestershire 1925 to 1928, 15, Annual Schools Examination (Leicestershire County Council Education Committee).
 See also under Conf. Educat. Assn., 1927; C.C. Assn., 1921; *Head Teach. Rev.*, 1927; Leices. C.C., 1926; Nat. Assn. Head Teach., 1927.

BROODBANK, A. J. P., see under *Mod. Languages*, 1924.BROWN, WILLIAM, see under B.A., 1910; *Brit. Psych. Soc.*, 1908.

BROWN, WILLIAM and GODFREY H. THOMSON.

1925. The Essentials of Mental Measurement. (3rd ed., University Press: Cambridge.)

BRYAN, G. H., see under *Sch. Wor.*, 1910.BRYANT, C. L., see under *Par. Assn.*, 1930.BRYANT, SEYMOUR, see under *Par. Assn.*, 1924.

BRYANT, THOMAS, see under *Lancet*, 1901.

BUDD, J. WREFORD, see under Gen. Hist. Educn, 1922, *Law Journ.*; *Law Journ.*, 1917.

BULGARIA, see under *Sch.-mstr*, 1929.

BURGE, H. M., see under Cookson, Christopher, 1898.

BURGER, J. F., see under B.A., 1929.

BURKE, EDMUND, see under Gen. Hist. Educn, 1790.

BURKE, V. P., see under Newfoundland.

BURNET, JOHN.

1917. Higher Education and the War, III, Higher Education in Germany, 72 *seqq.*, Certificate of Maturity, Leaving Certificate, Teachers' Examinations, etc., VI, School and University (Germany), VII, Scotland and Prussia (Leaving Certificate Examination, etc.) (Macmillan & Co. Ltd.: London.)

See also under Cong. Univ. Emp., 1921; Germany; Germany: *Educnl News*, 1911, *Sec. Sch. Journ.*, 1915; Scotland: Burnet, John, 1917, Clarke, John, 1919, Problems, etc., *Educnl News*, 1915.

BURNETT, T. H., see under Royal Commission on Civil Service, 1912, etc.

BURNLEY MUNICIPAL COLLEGE, see under *Tech. Journ.*, 1923.

BURNS, CECIL DELISLE, see under Conf. Exams, 1931; *Scott. Educnl Journ.*, 1920.

BURSTALL, SARA A.

1907. English High Schools for Girls: Their Aims, Organisation and Management, Chap. XII, Examinations, Inspections, Scholarships. (Longmans & Co.: London.)

See also under B.A., 1911; Gadesden, Florence M. A.; N. of E. Educn Conf., 1905, 1907, 1912; *Sch. Guar.*, 1926; *Sch. Wor.*, 1907.

BURT, CYRIL.

1927. Mental and Scholastic Tests: with a Preface by Sir Robert Blair (3rd impression), Memorandum III. Tests of Educational Attainments. (L.C.C. Educn Cttee.)

See also under B.A., 1910, 1924; *Brit. Journ. Psych.*, 1909, 1922; *Child Study*, 1911, 1915; Conf. Exams, 1931; *Eug. Rev.*, 1914; *Indus. Fatigue Res. Bd*, 1926; *Journ. Exp. Ped.*, 1911; L.C.C., 1917; *Nat. Inst. Indus. Psych. Journ.*, 1922; New Educn Fell., 1931, *Brit. Comm. Educn Conf.*; *Sch.-mstr*, 1914, 1923, 1926.

BUSK, H., see under *T. G. Quart.*, 1911.

CADOGAN COMMITTEE, *see under T.E.S.*, 1927.

CALCUTTA UNIVERSITY COMMISSION, *see under India*.

CALVERT, J. S., *see under Middlesbrough, County Borough of*.

CALVERT, RHODES K., *see under Spect.*, 1910.

CAMBRIDGE UNIVERSITY.

Local Examinations Syndicate, Oxford and Cambridge Joint Board, etc., *see under A.M.A.*, 1927; Assn Asst Mstrs, 1931; Assn H.-mstrs, 1910; Conf. H.-mstrs, 1900, 1903, 1908, 1917; Gen. Hist. Educn, 1906, Sandford, E. G.; *History*, 1928; Indept Sch. Assn, 1908; *Journ. Educn*, 1925; Math. Assn, 1928; *Par. Rev.*, 1931; *Sch. Wor.*, 1908.

See also under Conf. H.-mstrs, 1902, 1909; Gen. Hist. Educn, 1850-2, 1873-1911, 1874, 1877, 1882, 1888, 1889, 1895, 1923, 1932, Percy, Lord Eustace, Yr Bk, Pt. I; *Mod. Languages*, 1920; *Nature*, 1907.

CAMBRIDGE UNIVERSITY COMMISSIONS, *see under* Gen. Hist. Educn, 1850-52, 1874; Royal Commissions.

CAMERON, H. M., *see under* B. of E.: Sec. Sch. Exams Counc., 1932, *Welsh Sec. Sch. Rev.*, 1932.

CAMPAGNAC, E. T., *see under Daily Tel.*, 1932; *T.E.S.*, 1932.

CANADA.

Modern Languages, 1927, Feb., 85, The Canadian Modern Language Tests (R. Keith Hicks).

Times Educational Supplement, 1930, Aug., 358, A Canadian Examination System.

See also Percy, Lord Eustace, Yr Bk, 1932, 662 *seqq.* (W. Pakenham); and under Assn Asst Mstrs, 1914; Fed. Conf. Educn, 1907; Gen. Hist. Educn: 1914, *Law Journ.* 1924, *Chambers's Encycl.*; *Mod. Languages*, 1929.

CANDY, HUGH C. H., *see under* Newman, Sir George, 1918.

CANFIELD, JAMES H., *see under France*.

CAPE COLONY, *see under SOUTH AFRICA*.

CAREER ADVISORY BUREAU.

1932. University Entrance Scholarships for Girls: a complete survey including Local Authorities' Scholarships, City Company Scholarships, etc. *See also Journ. Car.*, 1921, Nov., Dec.: 1932, Jan., Feb., Mar.

CAREY, R. M., *see under Journ. Educn*, 1930, 1931; *Par. Rev.*, 1931.

CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING.

1927. Bulletin No. 20, The Quality of the Educational Process in the United States and in Europe (Sections on Examinations in England, France, Germany and United States) (W. S. Learned). (First printed in the Annual Report of the Carnegie Foundation, New York, 1925).

CARNEGIE TRUST FOR THE UNIVERSITIES OF SCOTLAND, *see under* Scotland: Progress, 1923.CARTER, C. C., *see under* Nat. Assn Sch.-mstrs, 1928.CATNACH, AGNES, *see under* Journ. Educn, 1924.CAVENAGH, F. A., *see under* Percy, Lord Eustace, Yr Bk, 1932; *T.E.S.*, 1930; *Welsh Sec. Sch. Rev.*, 1927.CAZAMIAN, LOUIS, *see under* B. of E., Special Reports, 1911.CENTRAL SCHOOLS, *see under* Educn, 1928; E. Mid. Educn Un., 1927; *Journ. Educn*, 1926; Manch. Co. B. Educn Cttee, 1921; Percy, Lord Eustace, Yr Bk, 1932; *Sch.-mstr*, 1928; *T.E.S.*, 1932.CENTRAL WELSH BOARD, *see under* Scotland; Wales.CEYLON, *see* Percy, Lord Eustace, Yr Bk, 1932, 767 *seqq.* (L. Macrae); *and under* B. of E., Spec. Depts, 1901.CHADWICK, MARY, *see under* Schohaus, Willi.CHALK, W. J., *see under* Conf. Educnl Assns, 1928.

CHAMBERS'S ENCYCLOPAEDIA.

1923. New Ed., Vol. III, Articles on Civil Service.

See also under Gen. Hist. Educn., 1924.

CHAPMAN, A. D'ARCY, *see under* Child Study Soc., *Journ. Proc.*, 1922-1923; *Journ. Educn*, 1923.CHASE, GEOFFREY H., *see under* Journ. Educn, 1930.CHAYTOR, H. J., *see under* Mod. Lang. Assn, 1929.CHEMISTRY, EXAMINATIONS IN, *see under* B.M.A., 1920; *Sch. Sci. Rev.*, 1927, 1928.CHETHAM SOCIETY, *see under* Gen. Hist. Educn, 1854.*Child Study.*

1911. July, 33 *seqq.*, Oct., 92 *seqq.*, The Experimental Study of General Intelligence (Cyril Burt).

1913. Nov., 113-117, Binet's Mental Tests; what they are and what we can do with them, I. (W. H. Winch).

1914. Binet's Mental Tests, what they are and what we can do with them (W. H. Winch), Feb., 1-6, II; Mar., 19-20, III; Apr., 39-45, May, 55-62, IV; June, 87-90, V; Nov., 117-122, VI; Dec., 138-144, VII.

Child Study—Cont.

1915. Binet's Mental Tests, what they are and what we can do with them (W. H. Winch), Feb., 1-8. VII Contd; Mar., 21-26. VIII; Apr., 50-56. VIII Contd; June, 86-92. IX; Feb., 8-13, Mental Tests (Cyril Burt).

CHILD STUDY SOCIETY.

Journal of Proceedings.

- 1921-1922. Vol. I. 1-5, Vocational Tests (George H. Miles), 6-14, The Psychology of Vocation (Morley Dainow), 25-27, Vertical Classification (C. M. A. Coombs).
 1922-1923. Vol. II. 1-2, Something Wrong with Intelligence Tests (F. H. Hayward), 3-4, A Defence of Mental Tests (P. B. Ballard), 5-12, The Measurement of the Intelligence of School Children in Massachusetts, U.S.A. (A. D'Arcy Chapman).
 See also *Child Study* above.

CHILLINGWORTH, H. R., *see under* Ireland: Irish Free State, *see also* etc.

CHINA.

- Educational News*, 1900, Aug. 11: 532, Taking a Degree in China.
Indian Education, 1908, Feb., 204, Studies in Chinese Education. II. Examinations (R. W. Swallow).
 Martin, W. A. P., 1901, The Lore of Cathay: or the Intellect of China, Bk. IV, Chap. XVII, Civil Service Examinations. (Olliphant & Co.: Edinburgh and London.)
 See also Percy, Lord Eustace, *Yr Bk.* etc., 1932, 250 *copy*. (Sir Reginald F. Johnston); and *Gen. Hist. Educn.* 1900, Laurie, S. S.

CHIBOL, VALENTINE, *see under* India.

CITY AND GUILDS OF LONDON INSTITUTE, *see under* Armstrong, Henry E., 1925; *Tech. Journ.*, 1919.

CIVIL SERVICE, EXAMINATIONS FOR, *see under* Add. (p. 141); *A.M.A.*, 1930; *Assn H.-mstrs.* 1917; *Assn H.-mstrs.* 1913; *Chambers's Encycl.*, 1923; *Civil Service Commission: Conf. H.-mstrs.* 1910, 1911, 1917; *C.C. Assn.* 1921; *Educn.* 1912, 1917; *Gen. Hist. Educn.* 1854, 1855, 1875; *Hughes, R. E.* 1902; *Hum. Fac.* 1932; *Journ. Car.*, 1931; *Journ. Educn.*, 1931; *N.U.T.* 1931, 1932; *Royal Commissions on Civil Service*; *R.S.A.*, 1911; *Sat. Rev.*, 1902; *Sch. Wor.*, 1912; *Sec. Educn.*, 1913; *T.E.S.*, 1913, 1914, 1917; *Treasury, H.M.L.* 1917.

CIVIL SERVICE, ROYAL COMMISSIONS ON, *see* Royal Commission, etc.

CIVIL SERVICE COMMISSION.

1900. Report of His Majesty's Civil Service Commissioners, 1900 onwards. (H.M. Stationery Office.)

CLARK, JAMES, *see under* Assn of T. in Tech. Inst., 1912.

CLARKE, JOHN, *see under* Scotland; Scotland: *School*, 1905.

CLASSICAL ASSOCIATION OF SCOTLAND, *see under* Scotland.

- CLASSICS, EXAMINATIONS IN, *see under* A.M.A., 1932; Assn Asst Mstrases, 1931; B. of E.: Sec. Sch. Exams Co., 1932; *Brit. Med. Journ.*, 1902; Committees appointed by the Prime Minister, 1921; *Journ. Educn*, 1924, 1930; Greek; Latin; Livingstone, R. W., 1916; *Sch. Gov. Chron.*, 1912; Scotland: Clarke, John, 1919; *T.E.S.*, 1932.
- CLAY, R. S., *see under* Assn Tech. Inst., 1920, 1922.
- CLAYESMORE SCHOOL SCHEME, *see under* *Spect.*, 1907.
- CLEGG, RUSSELL, *see under* A.M.A., 1932.
- CLEGHORN, ISABEL, *see under* B.A., 1907.
- CLENDON, ARTHUR, *see under* Gen. Hist. Educn, 1903, Sch.-mstrs' Yr Bk.
- COACHING, *see under* Bristol Educn Cttee, 1912; *Educn*, 1928; L.C.C. 1912; *Sch.-mstr*, 1928; West Yorks Co. Assn, 1927.
- COHEN, SIR ROBERT WALEY, *see under* Cong. Univ. Emp., 1931.
- COLES, CHARLES, *see under* *Educn*, 1927.
- COLES, P. B., *see under* Sweden, *see etc.*
- COLLAR, D. J., *see under* Conf. Educnl Assns, 1922.
- COLLEGE OF PRECEPTORS.
 1901. Winter Meeting, Jan., Action and Function of Examinations, Paper by P. A. Barnett. *See also* *Educnl News*, 1901, Jan. 19: 53.
See also under B. of E., Cons. Cttee, 1901; Conf. Educnl Assns, 1922; *Educnl Times*, 1905, 1915; Gen. Hist. Educn: 1897, 1915 (*Sec. Educn*), 1930 (*Journ. Educn*); Indept Sch. Assn, 1908; Percy, Lord Eustace, 1932, Yr Bk.
- COLLIER, J. W., *see under* *Forum Educn*, 1928.
- COLLINS, SIR WILLIAM J., *see under* *Contemp. Rev.*, 1913.
- COLONIAL CIVIL SERVICE, *see* Add. (p. 141).
- COLONIAL OFFICE CONFERENCE.
 1927. Appendices to summary of Proceedings, XVII (B), The Supervision of Colonial Government Scholars and other Students from the Colonies: Memorandum by the Director of Colonial Scholars, XVII (C), Examinations standards for the local entry of Clerks, etc., into the Colonial Services, etc. (H.M. Sta. Off.: London).
- COLSON, F. H., *see under* *School*, 1908.
- COMMERCIAL EXAMINATIONS, *see under* Assn of Tech. Inst., 1931; Conf. Educnl Assns, 1928; Gen. Hist. Educn, 1897; N. of Eng. Educn Conf., 1929; Sadler, Sir Michael E., 1905 (Liverpool); *Sch. Bd Chron.*, 1900; *Sch.-mstr*, 1932.
- COMMISSIONS, *see* Camb. Univ. Commission; Civil Service Commission; Haldane Commission; India: Calc. Commission, Indian Statutory Commission; Moseley Commission; Newcastle Commission; Oxf. Univ. Commission; Pub. Sch. Comm.; Royal Commissions; Schools Inquiry Commission; *and under* Add (p. 141), Macaulay's Commission; Gen. Hist. Educn: 1861, Comm. on State of Popular Education, 1905, Hobhouse, L. T. (Endowed Schools Comm.).

COMMITTEES APPOINTED BY THE PRIME MINISTER.

1918. Report of the Committee appointed (1916) by the Prime Minister to inquire into the Position of Natural Science in the Educational System of Great Britain (Cd. 9011), 19, The First School Examination, 29, The Second School Examination. (H.M. Sta. Off.). See also *Brit. Med. Journ.*, 1916, Sept. 2: 331; 1918, Apr. 20: 459-460; *Lancet*, 1918, Sept. 14: 365 *seqq.* Notes on the Report (Ernest H. Starling)

Report of the Committee appointed by the Prime Minister to enquire into the Position of Modern Languages in the Educational System of Great Britain (Cd. 9030), 57, Examinations. (H.M. Sta. Off.). See also *Journ. Educn.*, 1918, June, 321.

1921. Report of the Committee appointed by the Prime Minister to inquire into the position of Classics in the Educational System of the United Kingdom, 81-110, Examinations. See also *Brit. Med. Journ.*, 1921, Sept. 24: 495; Oct. 8: 577.

CONFERENCE OF CATHOLIC COLLEGES.

1913. 18th Annual Conference, Preston, May, 6, Report, External Examinations in Secondary Schools (Presidential Address, John H. Wright). (Cole & Co.: Printing Works, Westminster.)

CONFERENCE OF EDUCATIONAL ASSOCIATIONS.

1904. Joint Conference, Jan., Discussion on Scholarships, transition from primary to secondary schools, the scholarship system (Teachers' Guild: J. W. Adamson, W. T. H. Walsh). See also *Journ. Educn.*, 1904, Feb., 167; *Sch. Gov. Chron.*, 1904, Jan. 16: xxx; *Sch.-mstr.*, 1904, Jan. 16: 120; *Sch.-mstrs.*, 1904, Jan. 14: 246.

1915. 3rd Annual Conference, Report, 44, 61, The Board of Education Circular on Leaving Examinations (Teachers' Guild: E. Sharwood Smith and H. C. Norman), 221, The Place of Map Tests in Examinations (Geographical Association: J. F. Unstead).

1920. 8th Annual Conference, Jan., Report, 40 *seqq.*, The Selection of Elementary School Children for Higher Forms of Education (Teachers' Guild: G. F. Daniell, Miss Crosby, G. Willey), 165, The Measurement of Practical Ability (Educational Handwork Association and National Association of Manual Training Teachers: P. B. Ballard), 189 *seqq.*, The Development of Mental Tests (British Psychological Society: P. B. Ballard), 268, Tests of Intelligence (Association of University Women Teachers: Alice Woods, Sir John Adams). See also *Nature*, 1920, Jan. 15: 513-514.

1921. 9th Annual Conference, Report, 169 *seqq.*, The Influence of the University on School Education (Teachers' Guild: R. W. Macan, Sir S. Russell Wells, J. L. Paton, R. M. Haig-Brown).

1922. 10th Annual Conference, Report, 307, Place of Intelligence Tests in Actual School Practice (College of Preceptors: Sir John Adams), 395 *seqq.*, Group Intelligence Tests: a Report of an experiment conducted in eight London Schools by the Members of the Education Research Committee of the London Head Teachers' Association (T. G. Tibbey, D. J. Collar).

CONFERENCE OF EDUCATIONAL ASSOCIATIONS—*Cont.*

1923. 11th Annual Conference, Report, 411, How can the Links in the Chain of Education be strengthened? (Joint Conference, Discussion).
1925. 13th Annual Conference, Jan., Report, 1 *seqq.*, Examinations: their use and abuse (Presidential Address, E. A. Gardner), 50, Examination Results under the Dalton Plan in Secondary and Elementary Schools (Dalton Association: Lucy Wilson), 197, Psychological Tests of Educable Capacity: Discussion on the Report of the Departmental Committee (British Psychological Society: T. Raymont, P. B. Ballard, etc.).
1926. 14th Annual Conference, Report, 317, Oral Examination (Modern Language Association: D. B. Mair).
1927. 15th Annual Conference, Report, 370 *seqq.*, I. A General Examination in Public Elementary Schools (London Teachers' Association: W. A. Brockington); II. The Technique of Examinations (Godfrey H. Thomson).
1928. 16th Annual Conference, Report, 3, 7, The Educational Outlook (Presidential Address, Sir Michael Sadler), Effects of a too effective examination system, etc., 25, Should we encourage the replacement of external examinations in commerce by internal examinations (National Union of Commercial Teachers: W. J. Chalk), 73, Linking-up in adolescent education, Examinations and the Hadow Report (Joint Conference: G. R. Parker). See also *Par. Rev.*, 1928, July, 441; *Prep. Sch. Rev.*, 1928, Mar., 421 *seqq.*; *Sch. Guar.*, 1928, Feb. 18: 62, 202, Miss Mason's Method of Education in a Boys' Preparatory School (A. V. C. Moore, C. M. Smith).
1929. 17th Annual Conference, Jan., Report, 112, The Influence of Examinations on Education (Joint Conference: H. J. Fleure, M. D. Brock, E. R. Thomas, Arthur Saywell). See also *Sch.-mstr.*, 1929, Jan. 10: 70, 72.
1930. 18th Annual Conference, Report, 43, The Recent Board of Education Report on School Certificate French (Modern Language Association: Frederic Spencer, R. L. Ager, S. A. Richards). See also *Sch. Guar.*, 1930, Jan. 18: 52.
1931. Annual Conference, Report, 88, First School Examinations; their efficiency and their relation to Matriculation (New Education Fellowship: Address, Sir Philip Hartog).

CONFERENCE OF HEADMASTERS.

Reports, including Reports of Committee of Headmasters' Conference, Curriculum Committee, Joint Standing Committee of the Headmasters' Conference, Association of Preparatory Schools, Teachers' Registration Council, etc.:

1900. 28th Meeting, Report, 39, Oxford and Cambridge Certificate Examinations, 54, Entrance Examinations of the Public Schools, Education of Officers in the Army. See also *Journ. Educn.*, 1901, Jan., 68-70.
1901. 29th Meeting, 10 *seqq.*, Resolution in regard to prescribed books in Language Examinations and the use of dictionaries, discussion on examination tests, etc., 30, Professional Entrance Examinations, 49, Greek in Entrance Examinations to schools.
1902. 30th Meeting, Report, 42, Greek as a condition of entrance to Oxford and Cambridge, 63, 78, Resolutions in regard to common form of entrance examination.

CONFERENCE OF HEADMASTERS—*Cont.*

1903. Committee of the Headmasters' Conference. Report, 65, App. A. (i) and A. (ii), Common Entrance Examination into Public Schools, 8 and App. B. (iv), Obligatory Greek at the Universities, 10 and App. D. and F., Leaving Examinations, 10, App. G. (ii), E., F. (i) and F. (ii), Military Examinations, 11, Oxford and Cambridge Higher Certificate Examination.
1904. 32nd Meeting, Report, 14, The Consultative Committee's Scheme for School Certificates, 51, Woolwich and Sandhurst Examinations, App. A., Army Entrance Examinations, App. B., The Consultative Committee's Scheme for School Certificates, Report of the Examinations Sub-Committee.
1905. 33rd Meeting, Report and Report of Committee, 6 *seqq.* Inspecting Bodies, 17 *seqq.*, Qualifying and School Leaving Examinations, 33, Joint Examination for the Universities, 43, Army Examination, 53 *seqq.*, Joint Examination for the Universities, 87, Army Entrance Examination, Consultative Committee and Scheme of School Certificates, 90, Common Examination for Entrance to Public Schools, App. A., Memorandum on School Curricula and Entrance Examinations, App. B., Memorandum on the Scheme of Examinations for admission to the Army, App. D., Memorandum to the B. of E. on the Consultative Committee's Scheme of School Certificates.
1906. 34th Meeting, Report and Report of Committee, 76, Joint Committee on a School Leaving Certificate, 99, Army Entrance Examinations, 101, Common Examination for entrance to Public Schools, App. A., Report of the Joint Committee of the Universities and Headmasters' Conference on a School Leaving Certificate, App. B., Army Entrance Examinations, letter and reply from the War Office.
1907. 35th Meeting, Dec., Report and Report of Committee, 87, 109, The Common Examination, 109, Mutual recognition of Entrance Examinations, 112, Law Society and Preliminary Examinations, App. A., Universities Joint Committee, letter of Vice-Chancellor on a School Leaving Certificate.
1908. 36th Meeting, Report and Report of Committee, 9, Schools and Examinations recognised by Army Council, 11, School Certificate Examination of Oxford and Cambridge Joint Board, 40, Army Council Examinations, 66, The School Certificate Examination, 103, Common Examination for Entrance to Public Schools.
1909. 37th Meeting, Report and Report of Committee, 8, 25, Examinations for Higher, Lower and School Certificates; fuller recognition of English in University Examinations, 9, Increasing congestion of scholarship examinations at the Universities of Oxford and Cambridge; position of English and French in Entrance Scholarship Examinations, 34, University Examinations for Admission, 43, Congestion of Scholarship Examinations, 59, English and French in Entrance Scholarship Examinations, 85, Resolutions, etc., 87, 126, Common Examination for Entrance to Public Schools, 88, 127, App. B., Army Council's Examination Sub-Committee, 94, 127, App. C., School or Leaving Certificate Examination, 127, 143, Value of Entrance Scholarships, summary

CONFERENCE OF HEADMASTERS—*Cont.*

1910. 38th Meeting, Report and Report of Committee of Curriculum Committee, 48, The Indian Civil Service Examination, 54, The Military Colleges and the Supply of Officers, Qualifying and Competitive Examinations, etc., 79, School Scholarships, 82, Intermediate Civil Service Examination.
1911. 39th Meeting, Report and Report of Committee, 9, 33, War Office Examination for Certificate A., 10, Conference not satisfied with Examination for junior appointments in Civil Service, 104, App. A., Public Examinations Sub-Committee's Report.
1912. 40th Meeting, Report, 8, 37, Multiplicity of Examinations.
1913. 41st Meeting, Report and Report of Committee, 73, Schools Examination Question.
1914. 42nd Meeting, 95, Board of Education Circular 849.
1916. 43rd Meeting, 29, Representation of Teachers on Proposed Secondary Schools Examination Council; Common Entrance Examination Report.
1917. 44th Meeting (Report of Conference only), 9, 13, Scripture Papers in Common Entrance Examination, 10, Syllabus of Oxford and Cambridge Joint Board and that of Civil Service Commissioners.
1919. 46th Meeting, Jan. (Report, including Report of Committee for Sept. 1917 to Dec. 1918), 18, Proposed Reform of Examinations at Oxford, 48, Scripture Paper in Common Entrance Examination, 74, Army Examinations.
- 1919-1920. 47th Meeting, Dec. 31, 1919, and Jan. 1, 1920, 84, Resolutions in regard to School Certificate Examinations and Entrance to Universities and Professional Bodies.
1922. 49th Meeting, 10, 43-55, resolution and discussion in regard to Higher Certificate Examination, 12, 100-117, Abolition of Common Entrance Examination.
1923. 50th Meeting, Jan. 2 and 3, 26, Entrance Scholarships in Modern Subjects, 30, Common Entrance Examination.
1925. 53rd Meeting, 27, Examinations in Schools, 38, recognition of the Higher Certificate.
1926. 54th Meeting, 9, 45 *seqq.*, Resolutions and Discussion *re* Higher Certificate Examinations, 59 *seqq.*, Curriculum Report and Examination for Entrance Scholarships, 63, Entrance Scholarships and Leaving Exhibitions.
 Report of the Standing Joint Committee of the Headmasters' Conference and Incorporated Association of Preparatory Schools on the Curriculum of the Preparatory Schools, 8, Entrance Scholarship Examinations. (Warren & Son, Ltd.: Winchester.)
1927. 55th Meeting, 9, 18, Relaxation of Group System, 11, 44, Proposed Reform of the Army Entrance Examination, 57, Scholarships at American Preparatory Schools.
1928. 56th Meeting, 8, 12 *seqq.*, Common Entrance Examination, 33 *seqq.*, College Scholarships in Natural Science, 40, College Entrance Examinations, 70 *seqq.*, Close Scholarships.
1929. 57th Meeting, 8, 12, Position of French in the School Certificate Examination, 11, 68-73, The School Certificate Examination, Resolution and Discussion.

CONFERENCE OF HEADMASTERS—*Cont.*

1930. 58th Meeting, 11, 42-43, Exemption from Matriculation by means of School Certificate Examinations, 11, 44-49, Specialisation in Science Scholarship Examination Papers. See also *Nature*, 1931, Mar. 28: 473; Apr. 25: 628 (A. W. Barton).
1931. 59th Meeting, 12, 81-83, The Demand for Latin from non-literary candidates in College Entrance Examinations.
1932. Annual Conference, Dec. 22, Westminster. Exaggerated Importance of Matriculation Certificate when making appointments, Condemned; resolution that school certificate in future cease to be accepted as sufficient qualification for Entrance to University (Cyril Norwood). See also *Daily Tel.*, 1932, Dec. 23: 14; *Scott. Educn Journ.*, 1932, Dec. 30: 1579; *T.E.S.*, 1932, Dec. 31: 482.

CONFERENCE ON EXAMINATIONS IN SECONDARY SCHOOLS (convened by Teachers' Registration Council).

1916. First Conference, Dec. 16. See C.C. Assn, *Official Gaz.*, 1917, July, 88.
1917. Second Conference, Feb. 17. See C.C. Assn, *Official Gaz.*, 1917, July, 88.

CONFERENCE ON EXAMINATIONS UNDER THE AUSPICES OF THE CARNEGIE CORPORATION, THE CARNEGIE FOUNDATION AND THE INTERNATIONAL INSTITUTE OF TEACHERS' COLLEGE, COLUMBIA UNIVERSITY, EASTBOURNE, 1931. Organised by Paul Monroe. Proceedings. (Bureau of Publications: Teachers' College, Columbia University.)

England: C. Delisle Burns, Cyril Burt, Sir Percy Nunn, Sir Philip Hartog, Graham Wallas, Sir Michael Sadler, C. E. Spearman, P. B. Ballard.

France: M. Barrier, M. Bouglé, M. Cope, M. Desclos, M. Ch. Maurain.

Germany: Carl Becker, Erich Hylla, Robert Ulich, Otto Bobertag.

Scotland: W. A. Hepburn, J. C. Smith, Godfrey H. Thomson, Robert R. Rusk.

Switzerland: M. Pierre Bovet, M. Jean Piaget.

United States: C. H. Judd, Frederick P. Keppel, Paul Monroe, Henry Suzzallo, Edward L. Thorndike.

Appendices: 267, Examinations in English Education (Sir Michael Sadler), 283, Aspects of the German Examinations, 285, *Les Examens et les Concours en France*, 312, Résumé of Report on French Examinations.

CONFERENCE ON NEW IDEALS IN EDUCATION.

1916. Report, 131 *seqq.*, The Examiner Examined (John Russell). (Publ. by the Secretary; printed by Women's Printing Society.)

CONGRESS OF THE INTERNATIONAL CONFEDERATION OF STUDENTS.

1929. Budapest, Censure of present Examination System. See *Scott. Educn Journ.*, 1929, Aug. 16: 881-882.

CONGRESS OF THE UNIVERSITIES OF THE EMPIRE.

1912. Report of Proceedings (Conditions of entrance to Universities and the possibility of equivalence and mutual recognition of entrance tests to degree courses) (Paper by P. E. Matheson). See also *Sch. Wor.*, 1912, Aug., 291-292.

CONGRESS OF THE UNIVERSITIES OF THE EMPIRE—*Cont.*

1921. 2nd Congress, Report of Proceedings, 97, The Universities and Secondary Education (The Scotch Leaving Certificate) (John Burnet), 103, The Influence of University Requirements upon the Curricula of Secondary Schools with special reference to the Position in Scotland (Entrance Examinations) (Alexander Darroch); The Universities and Secondary Education (Entrance Examinations) (Cyril Norwood), 123, Discussion (L. A. Adamson, (Melbourne)), 208, University Entrance Tests (Technological Students). (G. Bell & Sons, Ltd.: London.)
1926. 3rd Congress, Report of Proceedings, 145 *seqq.*, Mutual Recognition of Examinations and of time spent in study elsewhere (Sir Matthew Nathan; Sir Philip Hartog; F. J. Wylie; Professor Holme (Sydney); I. A. Mackay (McGill); H. C. Notcutt (Stellenbosch); Sir Theodore Morison; Sir Mohammed Rafique (Osmania)). (G. Bell & Sons, Ltd.: London.)
1931. 4th Congress, Report of Proceedings, 81, The Standard and the Conditions of Candidature for Ph.D. in relation to other Post-Graduate Qualifications. (D. Nicol Smith, 114 *seqq.*, Conditions of Admission to Universities and their Effects (F. E. Sandbach; H. Stewart; Sir Charles Grant Robertson; Sir Robert Waley Cohen; Sir Michael Sadler; J. A. Gunn (Melbourne)). (G. Bell & Sons, Ltd.: London.)

CONJOINT BOARD OF SCIENTIFIC SOCIETIES, *see under* Kenyon, Sir Frederic G., 1919.

CONSTABLE, H. L., *see under* Assn Asst Mstrs, 1930.

Contemporary Review, The.

1913. July, 20, 21, The University of London (Examinations) (Sir William J. Collins).

CONTROL EXAMINATIONS, *see under* Scotland; *Scott. Educnl Journ.*

COOKSON, CHRISTOPHER (Ed.).

1898. Essays in Secondary Education by various Contributors, 49 *seqq.*, Some Problems connected with the Teaching of Sixth Forms . . . "we are examination-ridden" (H. M. Burge), 232 *seqq.*, The Matriculation Examination of the University of London (W. W. Fowler), Professional Examinations (J. Gow), Matriculation, Responsions, and the Higher Certificate Examination (P. E. Matheson) (Clarendon Press: Oxford).

COOMBS, C. M. A., *see under* Child Study Soc., *Journ. Proc.*, 1921-1922.

COPE, M., *see under* Conf. Exams, 1931.

COSTER, GERALDINE, *see under* *New Era*, 1925.

COSTLEY-WHITE, H., *see under* *Journ. Educn*, 1930; *Par. Rev.*, 1931.

COULTON, D. P., *see under* *Sch. Wor.*, 1912.

COUNCIL FOR HUMANISTIC STUDIES, *see under* Kenyon, Sir Frederic G., 1919.

COUNTY COUNCILS' ASSOCIATION.

1917. Education Committee. Meeting, July 12. Examinations in Secondary Schools. *See also* C.C. Assn. *Off. Gaz.*, 1917, July, 89; *Educn*, 1917, July 27: 31.

1921. Education Committee. Meeting, Mar. 3, Civil Service Examinations (W. A. Brockington). *See also* C.C. Assn. *Off. Gaz.*, 1921, Apr., 74; *Educn*, 1921, Mar. 18: 229.

1929. Education Committee. Meeting, Jan. 2. Report on First School Certificate Examination. *See also* *Sch. Gov. Chron*, 1929, Mar. 9: 158-159.

Education Committee, Report on Interview with Representatives of the Board of Education, Mar. 7, 1929 (First School Certificate). *See also* C.C. Assn. *Off. Gaz.*, 1929, July, 172, 173 (App. A.); *Educn*, 1929, July 5: 11-12; *Sch. Gov. Chron.*, July 27: 54-55.

Conference, Oct. 23, between Representatives of the County Councils' Association, the Association of Municipal Corporations, and the Association of Education Committees on the subject of the First Schools Certificate Examination. *See also* C.C. Assn. *Off. Gaz.*, 1930, Feb., 44, 46 (App. B.).

1932. Education Committee Meeting, Mar. 3. Final Report of Committee on Education for Salesmanship. First School Certificate Examination. *See also* C.C. Assn. *Off. Gaz.*, 1932, May, 190.

County Schools Review, *The*.

1910. Vol. I, No. 3, 82. Examination Results: Responsibility of the Central Welsh Board.

1913. Vol. 5, No. 1, July, 118-119, The London University Commission and Examinations.

1915. Vol. 7, No. 1, July, 30-31, The Teacher and Examinations: Paper read at Llanrindod Wells Conference (D. R. Harris).

1916. Vol. 7, No. 5, Dec., 187-189, 209-211, The Royal Commission on University Education and the Secondary Schools of Wales (School Leaving Certificates) (Edmund D. Jones), Vol. 7, No. 8, Dec., 235-238, The Matriculation Examination.

1919. Vol. 9, No. 3, Dec., 176-182, The Measurement of Intelligence: an Experiment.

1920. Vol. 9, No. 4, July, 197-199, First Examination, State Scholarships, The Welsh Matriculation.

1921. Vol. 9, No. 6, August, 308-309, The Abolition of the Junior Certificate.

COWARD, HARRY, *see under* *Sch. Wor.*, 1904.

COWEN, CHARLES W., *see under* *Sch.-mstr*, 1929.

COXHEAD, G. E. S., *see under* *Journ. Educn*, 1925, 1930.

CRAIK, SIR HENRY, *see under* *Educnl News*, 1909; *Scotland: Educnl News*, 1900.

CRAMMING, *see under* *Add.* (p. 141); Armstrong, Henry E., 1925; *Gen. Hist. Educn*, 1908, Arnold; B.A., 1901; Gray, Frances R., 1931; *Ind. Educn*, 1910; Japan: Sharp, W. H., 1906; *New Era*, 1925; *Prep. Sch. Rev.*, 1928.

CRITCHLEY, J. W., *see under* *Scotland: Class. Assn Scotl.*, 1913.

CROFTS, J. M., *see under* B.A., 1927.

CROFTS, J. M., and H. BOMPAS SMITH, *see under* Smith, H. Bompas, 1927.

CROFTS, J. M., and D. CARADOG JONES.

1928. Secondary School Examination Statistics. Prefaced by a simple introduction to Statistical Methods with folding plate and diagrams. (Longmans, Green & Co.: London.) See also *Forum Educn*, 1929, Feb., 55 *seqq.* (Frank Sandon).

CROMER, THE EARL OF, *see under* Hartog, Sir Philip, 1918; R.S.A., 1911.

CROOK, C. W., *see under* *Journ. Educn*, 1923.

CROSBY, MISS, *see under* Conf. Educatl Assns, 1920.

CROSLAND, L., *see under* *Journ. Educn*, 1931.

CROWTHER, C., *see under* Assn Tech. Inst., 1913.

CRUTTWELL, C. R., *see under* *History*, 1925.

CULLEN, P. R., *see under* Cyprus.

CURLING, BRYAN, *see under* *Spect.*, 1932.

CURZON, MARQUIS, OF KEDLESTON.

1909. Principles and Methods of University Reform, Chap. V. University Examinations: Plea for a Scientific Plan of School-leaving Entrance Examination. (Clarendon Press: Oxford.)

1910. Principles and Methods of University Reform: Report of the Hebdominal Council; with an introduction by Lord Curzon of Kedleston, xvii, III, Entrance Examinations and Compulsory Greek. (Clarendon Press: Oxford.)

CYPRUS, *see* Percy, Lord Eustace, Yr Bk, 1932, 702 *seqq.* (P. R. Cullen).

CZECHOSLOVAKIA, *see* Percy, Lord Eustace, Yr Bk, 1932, 917 *seqq.* (Karel Velominsky, R. Fitzgibbon Young); and *under* *Sch.-mstr*, 1929.

Daily Telegraph, The.

1932. Aug. 11: 6, Danger of Examinations (E. T. Campagnac), Aug. 20: 8, School Examinations are much like a Lottery; System that inflicts gross unfairness; getting a credit; Labelled Failures; etc. (Stephen Foot), Aug. 23: 7, Letter in reply to S. Foot (A. C. Heath); Sept. 6: 10, Are School Examinations really a Lottery? a defence of the School Certificate (an Examiner), Sept. 8: 9, School Examination Methods: a reply (Stephen Foot), Sept. 10, School Certificates: reply to an examiner and Stephen Foot (R. W. M. Gibbs), Sept. 12, School Examination Methods (Mutual Dependence), Sept. 13, School Certificates (an Examiner); Oct. 10: 10, Examination worship, Oct. 11: 12, Easier School Certificate, should replace Matriculation, simpler papers and simpler Marking; Oct. 12: 11, Certificates and ability, Examination Values (F. J. Eldridge); Nov. 10: 10, What is wrong with our costly Secondary Education? Faults of the present Examination System (H. L. O. Flecker); Nov. 12: 10, A Practical Scheme of Secondary Education: Making good citizens in every walk of life (H. L. O. Flecker).

- DAINOW, MORLEY, *see under* Child Study Soc., *Journ. Proc.*, 1921-22.
- DAKIN, A., *see under* Math. Assn, 1922.
- DALTON ASSOCIATION, *see under* Conf. Educnl Assns, 1925.
- DANCE, E. H., *see under* *Journ. Educn*, 1922, 1930 ; *Par. Rev.*, 1930.
- DANIELL, G. F., *see under* Conf. Educnl Assns, 1920 ; Sci. Mstrs Assn, 1918 ; *Sch. Wor.*, 1908.
- DARROCH, ALEXANDER, *see under* Cong. Univ. Emp., 1921.
- DARWIN, LEONARD, *see under* *Eug. Rev.*, 1926.
- DAVE, S. A., *see under* *Ind. Educn*, 1909.
- DAVID, A. A., *see under* B.A., 1907 ; *Sch. Wor.*, 1907.
- DAVIS, A. H., *see under* *Prep. Sch. Rev.*, 1928.
- DAWSON, Shepherd, *see under* B.A., 1929.
- DAWSON, W. H., *see under* *Journ. Educn*, 1925, 1926.
- DAY, J. D., *see under* *T.E.S.*, 1927.
- DEAN, T., *see under* *New Era*, 1925.
- DEERS, W. J. R., *see under* A.M.A., 1927.
- DE MONTMORENCY, J. E. G., *see under* Gen. Hist. Educn, 1902.
- DENMARK, *see under* B. of E. : Reports (Various), 1930, Spec. Repts, 1907 ; *Lancet*, 1911 (Examinations in Medicine) ; *Sch.-mstr*, 1929.
- DERBY COUNTY COUNCIL, *see under* Sadler, Sir Michael, 1905.
- DESCLOS, M., *see under* Conf. Exams, 1931.
- DICTIONARIES, USE OF, IN EXAMINATION TESTS, *see under* Conf. H.-mstrs, 1901.
- DIOCESAN EXAMINATIONS, *see under* N.U.T., 1912.
- DIRECTORS AND SECRETARIES OF EDUCATION, ASSOCIATION OF, *see* Association, etc.
- DIXON, A. L., *see under* B. of E., Special Reports, 1912.
- DIXON, W. MACNEILE, *see under* Gen. Hist. Educn, 1902.
- DOBBS, W. J., *see under* Math. Assn, 1917.
- DOBSON, R. R., *see under* *Forum Educn*, 1923 ; *Journ. Educn*, 1930.
- DODD, F. P., *see under* Wales : Welsh County Sch. Assn. 1909.
- DODDS, E. R., *see under* *Univers. Rev.*, 1931.

- DOERNE, MARTIN, *see under* Gen. Hist. Educn, 1932, Kotschnig, Walter M.
- DOMESTIC SCIENCE, *see under* B. of E., Sec. Sch. Exams Counc. 1932; Sadler, Sir Michael, 1905 (Liverpool).
- DOMESTIC SUBJECTS, ASSOCIATION OF TEACHERS OF, *see* Assn, etc.
- DOUGLAS, M. A., *see under* Gadesden, Florence M. A., 1911.
- DOWNNEY WILL-TEMPERAMENT TEST, *see under* Educn Res., 1930.
- DRAMA, EXAMINATIONS IN, *see under* Journ. Educn, 1930.
- DRAPER, F. W. M., *see under* Journ. Educn, 1925.
- DRAWING, EXAMINATIONS IN, *see under* Scotland: Scott. Educn Dept. off. Publ., Circulars, 345, 367.
- DREAPER, W. P., *see under* Nature, 1911.
- DRUMMOND, I. M., *see under* Assn H.-mstrs, 1930.
- DUCÉ, R. H., *see under* Journ. Educn, 1931, 1932.
- DUFF, J. F., *see under* Univers Rev., 1932.
- DUMFRIESSHIRE LOCAL ASSOCIATION, *see under* Scotland.
- DUNCAN, GEORGE, *see under* Scott. Educn Journ., 1929.
- DUNNING, ALFRED, *see under* Educn Outl., 1930.
- DU PARCQ, J. P., *see under* Educn Outl., 1931.
- DURHAM, DEAN OF, *see under* Par. Rev., 1907.
- DURHAM UNIVERSITY.
 School Examinations, etc., of, *see under* A.M.A., 1931, 1932; Assn Asst Mstrs, 1931, 1932; Educn, 1932; Journ. Educn, 1925, 1932; T.E.S., 1932.
See also Percy, Lord Eustace, 1932, Yr Bk, 126, 437-438, 450, 451.
- DYMOND, G. P., *see under* Indept Sch. Assn, 1928.
- EARLE, F. M., *see under* Nat. Inst. Indus. Psych. Journ., 1925.
- EAST INDIA COLLEGE, HAILEYBURY, *see under* Add. (p. 141).
- EAST MIDLAND EDUCATIONAL UNION.
 1927. 16th Annual Report, Annual Meeting, Chatsworth House, Examinations in Central Schools (J. L. Holland). *See also* Sch. Gov. Chron., 1928, May 5: 290-291.
 1929. 18th Annual Report, Annual Meeting, Nottingham, July 4, Examinations (E. L. Manning). *See also* Educn, 1929, Aug. 9: 129; Sch. Gov. Chron., 1929, July 27: 48.
- EAST RIDING OF YORKSHIRE, *see under* Sch.-mstrs' Yr Bk, 1903.

EASTON, MISS, *see under* Assn H.-mistresses, 1905.

EEZINGHAUS CONJECTURAL METHOD, *see under* *Journ. Exper. Ped.*, 1912.

EDGEWORTH, F. Y., *see under* Gen. Hist. Educn, 1888, 1890; Hartog, Sir Philip, 1918; *Ind. Math. Soc. Journ.*, 1922.

EDINBURGH, UNIVERSITY OF, *see under* Scotland: *Journ. Educn*, 1930.

Education.

1905. Mar. 17: 199, County Scholarship Examinations (by a Revising Examiner).

1906. Mar. 30: 229, Educational administration: Elementary School Leaving Certificate.

1911. Oct. 27: 256, Meeting of Teachers in Secondary Schools, Leeds, October, 1911 (Dr Hadow on Examinations).

1912. Feb. 2: 64-65, A Shorter Curriculum and Fewer Examinations in Secondary Schools (E. Cellan Jones); May 31: 345, Civil Service Commission (Examinations) (Lord Haldane).

1914. Aug. 21: 118 *seqq.*, Internal Examinations (W. R. Bower); Sept. 25: 196-7, West Riding Education Committee (Scholarships — Practical Test). Oct. 16: 231-2, External Examinations.

1915. June 11: 278-9, The Object of Examinations; Oct. 8: 170-1, The Secondary Schools Spirit: a dangerous tendency (E. M. White).

1917. Feb. 2: 54, The Conduct of Internal Examinations in the Public Elementary Schools; Aug. 24: 63, Proposed Reforms in the Home Civil Service Examinations.

1918. June 21: 299, Sir P. Magnus on University Inspection (Discussion of Education Bill in Committee, June 10).

1920. Jan. 30: 82-3, Tests of Intelligence (Sir John Adams); May 7: 357, Discontinuance of Science Examinations (Question and Answer in Parliament, Apr. 28, 1920).

1923. Oct. 19: 210-11, Testing the Schools: a Striking Report from Sheffield.

1925. Mar. 6: 229, The Outlook in Education: Examination of Elementary Scholars; an address to the Llanelly Rotary Club (E. J. P. Osborne).

1926. July 23: 83, "At Least Once" (the examination question).

1927. June 3: 630, Sheffield Education Committee (The General Examination); Nov. 25: 512-3, 569, Examination of Part-Time Students (Charles Coles); Dec. 2: 532, 588, Examination of Part-Time Students (F. F. Potter); Dec. 9: 557, Examination of Part-Time Students; Examinations in Public Elementary Schools.

1928. Mar. 2: 237, School Examinations: a more hopeful outlook; Apr. 6: 360, Examination in the Modern School; is a General Examination necessary now? 363, The Chief Inspector on Re-organisation: Mr. Richards and Examinations; Apr. 27: 454, Wakefield Examinations (Selection of Children for Scholarships and Admission to the Central School; May 4: 476, May 11: 506, May 18: 532, Selection of Secondary School Pupils (B. A. Workman); Aug. 17: 144, Aug. 24: 158-9, Sept. 7: 189, Scholarships: No Coaching (Barnsley Education Committee).

Education—Cont.

- resolution, etc.); Aug. 24: 160, Examinations for Central Schools: A Manchester Scheme; Oct. 5: 290, Some Reflections upon the Scholarship System (R. B. Hendersen), 292, Free Place Examinations: H.M. Inspector's Report: a Five Years' Investigation; Nov. 23: 406, The School Certificate Examination (W. Walton).
1929. Jan. 11: 29, Sir Michael Sadler and Examinations: Indispensable in State Educational System; Mar. 1: 240, Mar. 8: 266, Mar. 15: 292, 295, Lord Eustace Percy and School Certificates, Mar. 15: 291, Examinations for Part-Time Students; June 28: 753, Examinations in French: recommendations of Investigators appointed by the Secondary School Examinations Council; Oct. 11: 330-331, West Riding Education Committee, Marking Examination Papers: a West Riding System.
1930. Jan. 3: 3, Lancashire Freedom, Examinations for Central Schools; July 18: 59-60, Examinations in Public Elementary Schools, Joint Advisory Committee's Report.
1931. Mar. 13: 304-305, Reform of Examinations in Secondary Schools (C. W. Bailey); July 24: 93, House of Commons (Lord Eustace Percy), University Scholarships; Nov. 13: 473, Annual Examinations and Process of Selection.
1932. Feb. 19: 230, West Riding Education Committee, Examination: no Oral Test; Gloucestershire Higher Education Subcommittee, Written and Intelligence Tests, Feb. 26: 246, Mr. Ramsbotham at Hayes; Apr. 8: 16-17, National Certificates in Commerce; Aug. 5: 119-120, The Marking of Examination Papers (Durham University School Examinations Board Investigation), 121, I.A.A.M. and low standardisation; Oct. 7: 318, Association of Headmasters, note on Examinations; Oct. 14: 343; Oct. 21: 372, The Growing Concern about Examinations; Oct. 28: 410, School Certificate Reform (W. Walton), Admission to Secondary Schools; Nov. 11: 464, Widnes Education Committee, Examinations (Matriculation Fetish).

EDUCATION COMMITTEES, ASSOCIATION OF, *see* Assn, etc.

Education Outlook, The.

1926. July, 250, Head Mistresses in Conference, First School Certificate (Gertrude Vaughan); Oct., 370, Examinations and the Medical Student (John Eke).
1927. Nov., 385, External Examinations and Education (S. V. Lumb).
1928. Nov., 349, The American Alternative to Examinations (E. C. Oakden), 350, Free Place Examinations: examination technique; Intelligence Tests.
1929. Sept., 304, The Meditations of a Schoolboy about to enter the World, 377, Geography and the First School Examination (by a Senior Geography Master).
1930. Apr., 119, The Examinations Bogey, 134, Examinations with Text-Books (C. A. Rust), 135, Examining English (Alfred Dunning); July, 263, The Examiner examined (Geoffrey Tillotson); Nov., 399, External Examinations (Elementary Schools).
1931. Jan., 13, Should Examinations be abolished? (J. P. Du Parcq), 342, Is the Public Examination a Test? (A. M. Moorhead).

EDUCATION REFORM COUNCIL, *see under* Tehrs' Guild, 1917.

EDUCATIONAL COMMITTEES (WALES AND MONMOUTHSHIRE). FEDERATION OF, *see* Fed., etc.

EDUCATIONAL HANDWORK ASSOCIATION AND NATIONAL ASSOCIATION OF MANUAL TRAINING TEACHERS, *see under* Conf. Educatl Assns. 1920.

EDUCATIONAL INSTITUTE OF SCOTLAND. *see under* Scotland.

Educational News, The.

1900. Sept. 15 : 619-620, The Tricks of Examiners ; Dec. 1 : 826-827. Examination.

1901. Sept. 21 : 673, Examinations (Report of Sir John Gorst's Speech in Glasgow).

1902. Feb. 1 : 80-81, Inspection and Examination of Schools (T. W. Sharpe).

1903. May 9 : 361-363, The Qualifying Examination.

1904. Sept. 3 : 621-622, Extracts from the Secondary Education Report for the year 1904 (Dangers of over-examination ; Growth of over-pressure).

1908. Oct. 23 : 1213-1214, An Important Circular : The Leaving Certificate.

1909. Dec. 31 : 1381, Sir Henry Craik on Education : the Meaning of the Intermediate Certificate.

1911. July 14 : 715, Examinations : a necessary evil, etc.

Educational Record, The.

1905. Feb., 706, School Certificate.

1912. Oct., 461, A System of School Leaving Certificates (J. Strong).

Educational Research (Supplement to *Head Teachers' Review*) (London).

1921. Oct., 6-7, How does a Month's Holiday affect Children's Work in the Three R's ? (P. L. Gray and R. E. Marsden), 7-8. Intelligence Tests and Scholarships (T. G. T.).

1926. Feb., 1-4, Arithmetic and Intelligence (Group Tests) (E. R. Hamilton).

1927. Mar., The Technique of Examination (Godfrey H. Thomson).

1929. Feb., 1-8, Reading, Arithmetic and Spelling at Seven Years of Age (Tests and Methods of Assessing Results) (F. A. Wood).

1930. Feb., 1-4, Factors in Scholastic Ability (Downey Will-Temperament Test) (David W. Oates).

1932. Apr., 1-8, A Comparison of the Performances of Boys and Girls in Arithmetic (Mental Tests) (W. S. Flack) ; Nov. 1 *seqq.*, Grammar and Composition : Does the Teaching of Grammar assist in the Teaching of Composition (Assessment of Composition, The Preliminary Tests, Grouping . . . Final Tests, etc. (F. G. Adams).

Educational Times, The.

1905. Jan. 2 : 23 *seqq.*, A System of School Certificates : Views of the College of Preceptors.

1908. Sept. 1 : 383 *seqq.*, Examination.

1910. Nov. 1 : 452, M. Binet's Method for Measuring Intelligence (Katharine L. Johnston).

Educational Times, The—Cont.

1912. Feb. 1 : 69, Examinations in Secondary Schools (Sir Michael Sadler).
 1915. Mar. 1 : 97, School Examinations and the College of Preceptors.
 1919. Nov., 403, Scholarships (C. W. P. Rogers).
 1920. Sept., 426, The Intelligence of Dr P. B. Ballard (Silas Birch).
 1921. Jan., 13, Secondary School Examinations: A criticism (A. Henderson).
 1922. Feb., 61, The New Type of Examination Question (C. A. E. Whish); Mar., 111, The Place of Intelligence Tests in actual School Practice (Sir John Adams), 472-3, Mental Tests (E. I. Newcomb).

EDWARDS, E. R., *see under* B. of E., Special Reports, 1911; *Sch. Wor.*, 1905.

EDWARDS, GWLADYS, *see under* T.E.S., 1932.

EDWARDS, J. R. WYNNE-, *see* Wynne-Edwards, J. R.

EDWARDS, W.

1929. The Secondary School Certificate Examination: A New Proposal. (Western Mail, Ltd.: Cardiff.) *See also* A.M.A., 1929, Oct., 247; *Journ. Educn*, 1929, 793 (David Oates), 862; 1930, 102.
See also under Germany; T.E.S., 1930.

EDWARDS, WILLIAM, *see under* Journ. Educn, 1932.

EDWARDS-REES, DÉSIRÉE, *see under* Nelsonian, 1932.

EGGAR, W. D., *see under* B.A., 1914.

EGYPT.

- A.M.A., 1911, May, 59-60, Egyptian Schools and Scholars; The Secondary Certificate Examination (H. S. Lawson).
See also Percy, Lord Eustace, Yr Bk, 1932, 982 *seqq.* (F. O. Mann).

ELDERTON, ETHEL, *see* Schuster, Edgar.

ELDRIDGE, J. F., *see under* Daily Tel., 1932.

ELEMENTARY SCHOOL EXAMINATIONS, *see under* Assn Educn Cttes, 1926, 1928, 1930; B. of E., Cons. Cttes, 1931; Conf. Educnl Assns, 1927; *Educn*, 1906, 1925, 1927, 1930; *Encycl. Britt.*, 1929; *Gen. Hist. Educn*, 1885, 1908; Hughes, R. E., 1902; L.C.C., 1917; Middlesborough, Co. B. of, 1904; Nat. Fed. Cl. Tchrs, 1926; N.U.T., 1928; Newton, A. W., 1919; N. of Eng. Educn Conf., 1931, 1932; *Sch. Gov. Chron.*, 1906, 1913; *Sch.-Guar.*, 1926; *Sch. Wor.*, 1904, 1911; *Sch.-mstr*, 1926; Sleight, W. G., 1915; T.E.S., 1920, 1927, 1928, 1931.

ELLIS, G. S. M.

1924. The Poor Student and the University: A Report of the Scholarship System, with particular reference to awards made by Local Education Authorities. (First published in 1924.) New ed., 1933, by S. Doreen Whiteley. (G. Allan & Unwin: London.)
See also under Progress, 1924; *Sch.-mstr*, 1932. Scotland: Progress, 1923.

ELLIS, T. L., *see under Welsh Sec. Sch. Rev.*, 1932.

ELWANG, WILLIAM W., *see under Germany*: Paulsen, Friedrich, 1906.

EMMETT, W. G., *see Valentine, C. W.*

ENCYCLOPÆDIA AND DICTIONARY OF EDUCATION, 1921-1922 (Foster Watson, Ed.), Article on Examination and Inspection (4 vols.).

ENCYCLOPÆDIA BRITANNICA.

1902. 10th Edition, Prefatory Essay. The Function of Science in the Modern State (Karl Pearson). XXV. The University and its Future, "the research training will more and more supplant the examination training. XXXIX, note 2, Science in the Direct Service of the State," origin of the all-pervading examination system in the United Kingdom was the desire to check nepotism in Government appointments, etc.

1910. 11th ed., article on Examinations (Sir Philip Hartog and A. Watson).

1929. 14th ed., Article on Examinations: Professional Examinations; School Leaving Examinations; Elementary Examinations; Competitive Examinations; Methods of Examinations; The Use of Intelligence Tests in Examinations; The Trend of Modern Examinations in Schools; Examination Scores; Pros and Cons of Examinations (Cloudestay Brereton, P. B. Ballard).

ENDOWED SCHOOLS COMMISSION, *see under Gen. Hist. Educn.*, 1905.

ENGLISH EXAMINATIONS IN, *see under A.M.A.*, 1931; *Asian Aust. Metr.*, 1932; *B. of E.*: Reports (various), 1921, *Sec. Sch. Exams. Coun.*, 1932; *Conf. H.-mstrs.*, 1909; *Conf. Exams.*, 1931; *Eng. Ascn.*, 1913; Hartog, Sir Philip & Mrs. A. Langdon, 1908; *Journ. Educn.*, 1920, 1921, 1924, 1930; *Nelsonian*, 1930; *Prep. Sch. Rev.*, 1927; *Scotland*: *Scott. Educn. Dept.*, *Off. Publ.*, *Circ.* 61; *Sch. Wor.*, 1910; *T.E.S.*, 1932; *Univers. Rev.*, 1930; *Wales*: *Welsh Co. Sch. Ascn.*, 1911.

ENGLISH ASSOCIATION.

1913. Pamphlet No. 26. The Teaching of English at the Universities, 13 (Examination Papers seem sometimes designed to test learning rather than intelligence and knowledge) (Sir Stanley Leathes).

English Review, The.

1929. Jan., 36-37, The Educational Needs of England, III. (Examinations . . . poisoning English Education) (Sir Michael Sadler).

ESTHONIA, *see under Sch.-mstr.*, 1929.

EUGENICS EDUCATION SOCIETY.

1914. Meeting, Apr. 18, The Measurement of Intelligence (T. Simon, C. Spearman). *See Eug. Rev.*, 1915, Jan., 291 *seqq.*, 312-313.

Eugenics Review, The.

1914. April, 36 *seqq.*, July, 140 *seqq.*, The Measurement of Intelligence by the Binet Tests (Cyril Burt).

1926. Jan., 237 *seqq.*, Expenditure on Education and its Effect on Fertility (Effect of selection by Scholarship Examination) (Leonard Darwin).

EVANS, A. E., *see under* Assn of T. in Tech. Inst., 1928.

EVANS, S. J., *see under* *Welsh Sec. Sch. Rev.*, 1932.

EWING, SIR J. A., *see under* Assn Prop. Sch., 1906.

EXE, JOHN, *see under* *Educn Outl.*, 1920.

EXETER EDUCATION COMMITTEE, *see under* Sadler, Sir Michael, 1905.

FABER, GILBERT, *see under* *School*, 1905, 1906.

FAUNTHORPE, J. F., *see under* *Sat. Rev.*, 1904.

FEDERAL CONFERENCE ON EDUCATION.

1907. Official Report of the Federal Conference on Education convened by the League of the Empire, May 24 to June 1, 1907, at Caxton Hall, Westminster, 81-89, Admission to Universities, Technical Schools and Agricultural Colleges (England, Canada, N.S.W.), 154, Examination System in Nova Scotia, 155, Admission to High Schools, Cape Colony, 158, Admission to Secondary Schools, New Zealand. (League of the Empire: London, 1908.)

FEDERAL COUNCIL OF LANCASHIRE AND CHESHIRE TEACHERS' ASSOCIATIONS.

1930. Memorandum on Examinations for entrance to Secondary and other Post Primary Schools. *See also* *Journ. Educn*, 1930, Oct., 764.

1932. Memorandum on the First School Examination.

FEDERATED ASSOCIATION OF LONDON NON-PRIMARY TEACHERS, *see under* L.C.C., 1907; *Math. Assn*, 1908.

FEDERATION OF EDUCATION COMMITTEES (WALES—MONMOUTHSHIRE).

1922. Meeting, June 1, Entrance Scholarship and Admission Examination to County Intermediate and Secondary Schools in Wales and Monmouthshire. Paper read (J. James).

FERRIÈRE, ADOLPHE, *see under* *New Era*, 1925.

FINDLAY, J. J.

1925. *The Foundations of Education: A Survey of Principles and Projects*, Vol. I, *The Aims and Organisation of Education*, Chap. II, 20, *Intelligence Tests*, Chap. IV, 52, *Intelligence, Faculty Training and Intelligence Tests*, Chap. X, 211-221, *The Oversight of Schooling, Leaving Certificates. Criticisms of the Examination System, etc.*, *What Intelligence Tests can and cannot do*, Chap. XII, *Education Authorities, their composition and duties*, Vol. II, *The Practice of Education*, Chap. II, *The Curriculum*, Chap. V, *School and Class Management*, 108-110, *Oral and Written Tests*, Chap. VII, *The Response: A. Energy, Intelligence, Disposition (School Reports and Child-Study Records)*, Chap. XIII, *The Further Education of the Masses*, 336, *A Leaving Certificate (the only certificate which ought to be in demand is a School Record of what the Scholar has accomplished in the senior stage)*, Chap. XIV, *The Secondary School—and Beyond*, 351, 352, *Matriculation and Leaving Certificates*. (Univ. of London Press: London.)

See also under Terman, Lewis M., 1919.

FINLAND, *see under* B. of E., Spec. Repts, 1907.

FIRTH, C. H., *see under* Hist. Assn, 1919.

FISH, ELIZABETH, *see under* Scotland : Clarke, John, 1919, Problems, etc.

FISHER, H. A. L., *see under* Assn Asst Mtrs, 1920.

FITCH, SIR JOSHUA.

1900. Educational Aims and Methods. 315 *seqq.*, Certificate Hunting. Chap. XIV, 421-444. The French Leaving Certificate. (University Press : Cambridge.)

See also under Gen. Hist. Educn, 1882.

FLACK, W. S., *see under* Educnl Res., 1932.

FLECKER, H. L. O., *see under* Daily Tel., 1932 ; Spect., 1932.

FLEMING, C. M., *see under* Scott. Educnl Journ., 1925.

FLETCHER, ALFRED EWEN (Ed.).

1906. Sonnenschein's Cyclopaedia of Education, Article on Examinations. (Swan Sonnenschein & Co. : London.)

FLETCHER, W. C., *see under* Moseley Education Commission ; Nature, 1902.

FLEURE, H. J., *see under* Conf. Educnl Assns, 1929 ; Unirers Rev., 1929.

FLEXNER, ABRAHAM, *see under* Gen. Hist. Educn : 1930 ; 1932 (Kotschnig, Walter M.).

FLEXNER, SIMON, *see under* Brit. Med. Assn, 1920.

FLINK, S. J., *see under* Ind. Educn, 1906.

FLORIAN, A. R., *see under* Journ. Educn, 1930.

FOOT, STEPHEN, *see under* Daily Tel., 1932.

FORD, H. E., *see under* Mod. Languages, 1929.

FORREST, F. M., *see under* Mod. Lang. Assn, 1927.

FORSYTH, DAVID, *see under* N. of E. Educn Conf., 1908.

Fortnightly Review, The.

1900. 85. Competitive Examinations for Woolwich and Sandhurst (H. H. Almond).

Forum of Education, The.

1923. Feb., 27 *seqq.*, The Correlations between School Subjects (H. G. Stead). 53, The Value of Intelligence Tests in Scholarship Examinations (R. R. Dobson) ; June, 133, An Experimental Enquiry into School and Industrial Ability (Henry Binns and William Macpherson) ; Nov., 187, Selection by Examination (E. J. G. Bradford), 251-3, Mental and Scholastic Tests among retarded children (P. B. Ballard).

Forum of Education, The—Cont.

1925. Feb., 32 *seqq.*, Intelligence Tests in Scholarship Examinations (W. J. Stainer); Nov., 218-219, The Age Allowance of Marks in Secondary School Admission Examinations (A. James).
1926. Feb., 34 *seqq.*, An Exploration of the True-False Method of Examination (William Boyd); June, 85 *seqq.*, The Reliability of Essay Marks (Godfrey H. Thomson and Stella Bailes).
1928. Feb., 38 *seqq.*, A Statistical and Psychological Investigation of Intelligence Tests (David W. Oates); June, 144, The Treatment of Secondary Schools' Admission Examination Scores (J. W. Collier); Nov., 270, Some Effects of Age in Selective Examinations (Pt. I. Frank Sandon).
1929. Feb., 23 *seqq.*, Some Effects of Age in Selective Examinations, II (Frank Sandon).
1930. June, 130, The Efficiency of Competitive Scholarship Examinations of Young Children, with particular reference to the effect of an age allowance (B. C. Wallis).

FOSTER, SIR T. GREGORY, *see under* Gen. Hist. Educn, 1922; Moseley Education Commission; *Sch. Wor.*, 1904.

FOWLER, W. W., *see under* Cookson, Christopher, 1898.

FRANCE.

Association of University Teachers.

1930. The French University System, being Report of the A.U.T. Commission of Investigation, 1930 (Pamphlet). See also *Univ. Rev.*, 1930, Apr., 56-60.

Canfield, James H.

1908. Report on Certain Educational Characteristics in England and France, 27, The Examination. (Columbia College, New York.)

Parents' Review.

1904. May, 325 *seqq.*, Some English Impressions of French Education (E. S. Packer); 336, Examinations.

See also Percy, Lord Eustace, Yr Bk., 1932, 819 *seqq.* (Charles Garnier); and *under* Add. (p. 141); Assn H.-mstrs, 1908; B. of E.: Pamphlets, 1932, Special Reports, 1911; Brereton, C., 1913; Carnegie Foundation for the Advancement of Teaching, 1927; Conf. Exams, 1931; Fitch, Sir Joshua, 1900; Germany: Arnold, Matthew, 1904; Gen. Hist. Educn: 1914, *Law Journ.*, 1924, Chambers's Encycl., 1932, Kotschnig, Walter M.; Hughes, R. E., 1901, 1902; *Lancet*, 1932; Williams, Gwladys Perrie, 1918; Ziyā al-Dīn Ahmad, 1929.

FRENCH, EXAMINATIONS IN, *see under* Assn H.-mstrs, 1922; B. of E., Educnl Pamphlets, 1926, No. 47, 1928, No. 70; Canada: *Mod. Languages*, 1929; Conf. Educnl Assns, 1930; Conf. H.-mstrs, 1909, 1929; *Educn*, 1929; *Journ. Educn*, 1930; *Mod. Lang. Assn*, 1930; *Nelsonian*, 1930; *Sch.-mstr*, 1929; Scotland: *T.E.S.*, 1929; *T.E.S.*, 1929, 1931, 1932; Williams, Gwladys Perrie, 1918.

FYFE, W. H., *see under* B.A., 1926.

GADESSEN, FLORENCE M. A.

1911. *Examinations: their use and abuse* (Chapter on 'Public Schools for Girls') (Edited by Sara A. Burstall and M. A. Douglas). (Longmans, Green & Co.: London.)

See also under Assn H.-mstrsces, 1908, 1911, 1913.

GAELIC AND EXAMINATIONS, *see under* Scotland: *Educnl Inst. Scot.* 1903. *Scott. Educn Dept., Off. Publ., Circulars, 383, 471.*

GARDNER, E. A., *see under* Conf. *Educnl Assns.* 1925.

GARNETT, W., *see under* Assn *Teachs in Tech. Inst.*, 1916: *J.S.S.*, 1910.

GARNIER, CHARLES. *see under* France, *see also* etc.

GARBETT, SAMUEL, *see under* Gen. Hist. *Educn*, 1922, *Law Journ.*

GARRY, R. C., *see under* B. M. *Journ.*, 1930.

GAW, FRANCES. *see under* Nat. *Inet. Indus. Psych. Journ.* 1923.

GENERAL MEDICAL COUNCIL.

1900. Meeting, May 30, The Standard of Preliminary Examinations. *See Lancet*, 1900, June 9: 1690-1692.

1902. Meeting, May 27, Report of the Education Committee on the Answer sent by it to the President of the Council of the British Medical Association with reference to the Preliminary General Education of Medical Students, 1670, "Examinations, however well conducted, are at the best an imperfect test of the essential elements of secondary education." *See Lancet*, 1902, Dec. 13: 1669-1670.

1904. Meeting, May 25, Report of Committee on Preliminary Scientific Education and Examination; suggested uniform system of marking; instruction without examination. *See Lancet*, 1904, June 4: 1593 *seqq.*, 1600; Dec. 10: 1653.

1908. Meeting, Nov. 24, Report of Education Committee on Curriculum in Medicine (Discussion). *See Brit. Med. Journ.*, 1908, Dec. 12: 1763-1766; *Lancet*, 1908, Dec. 5: 1685 *seqq.*

1910. Education Committee, Report on the place in the student's career which the preliminary sciences should occupy (presented to the G.M.C. on Nov. 26) (The Regulations of the G.M.C. and the Final Examination). *See Lancet*, 1911, Jan. 7: 1-3.

1911. Education Committee, Report (General Education and Examinations in Medicine, Examination of the Educational Institute of Scotland). *See Lancet*, 1911, June 3: 1513-1514, 1515-1516.

1912. Meeting, June 5, Education Committee Report (Preliminary Examinations, etc.). *See Lancet*, 1912, June 15: 1623-1629.

1917. Meeting, Nov. 28, Education Committee, Report on Entrance Examinations. *See Lancet*, 1917, Dec. 8: 861.

1920. Meeting, Nov. 26, Report of Education Committee on Revision of the Curriculum in Medicine (Overloading of the Curriculum, Teaching of Preliminary Scientific Subjects), Professional Examinations, etc. *See Lancet*, June 5: 1235-1236; June 19: 1322 *seqq.*; June 26, 1369-1370; Dec. 4, 1160 *seqq.*; Dec. 11: 1217.

GENERAL MEDICAL COUNCIL.—*Cont.*

1923. Recommendations of the Council in regard to Regulations for Admission to Examinations to take effect at Jan. 1, 1923. See *Brit. Med. Journ.*, 1922, Sept. 2 : 412, 414 *seqq.* ; 1923, Sept. 1 : 354 *seqq.*

1920. Summer Session, Age of Matriculation. See *Lancet*, 1920, June 15 : 1275 ; Dec. 14 : 1292.

Gentleman's Magazine (London).

1905. March, 238, The Examination of Wits (Foster Watson).

GEOGRAPHICAL ASSOCIATION, *see under* Conf. Educatl Assns, 1915.

GEOGRAPHY, EXAMINATIONS IN, *see under* A.M.A., 1929, 1930 ; B. of E. : Sec. Sch. Exams Coun., 1932 ; B.A., 1922 ; Conf. Educatl Assns, 1915 ; *Educn Outl.*, 1929 ; *Journ. Educn*, 1924, 1929, 1930, 1931, 1932 ; Scotland : *Educatl News*, 1911.

GEOMETRY, *see under* Math. Assn, 1929, 1932 ; *Math. Gaz.*, 1920.

GERMAN, EXAMINATIONS IN, *see under* *Journ. Educn*, 1930 ; *Mod. Languages*, 1929.

GERMANY.

Arnold, Matthew, 1904, A French Eton, Higher Schools and Universities in France and Germany (Examinations).

Association of University Teachers, 1931, Report of the Commission of Investigation on the German University System, I. Entry Courses and Examinations. See also *Univers Rev.*, 1931, 55-59.

Bode, Mabel, 1905, German Universities : a Review of Prof. Paulsen's work on the German University System, 33-38, Abgangsprüfung, etc. (P. S. King & Son : London.)

British Journal of Psychology, 1920, 251, Report on the Selection of Children for Higher Education at Hamburg (Godfrey H. Thomson).

Burnet, John, 1917, Higher Education in the War, 87 *seqq.*, Maturity Certificate, Germany. (Macmillan & Co. : London.)

Educational News, 1911, June 23 : 638, Abiturition Examen contrasted with L.C. Examination ; 1915, Mar. 26 : 198, Professor Burnet and the Prussian Leaving Certificate : The Scottish System.

Educational Times, 1912, Aug. 1 : 325, The Leaving Examination in Prussia.

Edwards, W., 1905, German Leaving Certificate (Bradford Education Committee). See also *Sch. Wor.*, Aug., 303-305.

Journal of Experimental Pedagogy, 1921, Dec., 170, Intelligence Tests in Berlin (Margaret Steppat).

Parents' Review, 1908, Mar., 178-8, 180, Educational Ideals in Different Countries : Germany (School Leaving Examination ; State Examination (A. B. Bramwell).

Paulsen, Friedrich.

1906. The German Universities and University Study (Trans. Frank Thilly and William W. Elwang), with a Preface by Sir Michael Sadler, Chap. IV. Examinations. (Longmans, Green & Co. : London.) See also *Nature*, 1907, Feb. 7 : 338-339 ; and Bode, Mabel, *above*.

GERMANY—Paulsen, Friedrich—*Cont.*

1908. German Education Past and Present (Trans.), 133, 148, 188, 201, 212, 228, 235, Leaving Examination. (T. Fisher Unwin: London and Leipsic.)

Russell, James E.

1905. German Higher Schools: The History, Organization and Methods of Secondary Education in Germany, 182 *seqq.*, Final Examination in Gymnasium, etc., 186, Final Examination in Six Year Schools, 187, The Mid-Course Examination, 325, Examinations in Mathematics, 359 *seqq.*, Teachers' Examinations, 455, Bibliography of Recent Reforms in German Higher Schools (New ed. Longmans, Green & Co.: London).

Schoolmaster, The, 1927, May 26: 1071, Promotion Examinations in Germany (Sir Ernest Gray).

Secondary School Journal, 1915, Feb., 3-6, The Crisis of the Prussian Leaving Certificate, etc. (John Burnet).

Times Educational Supplement, 1929, July, 341, School Certificate Examination; difference between organization of education in secondary schools of Germany and England.

See also Percy, Lord Eustace, Yr Bk. etc., 1932, 839 *seqq.* (Gertrud Bäumer); and under Assn H.-mistresses, 1908; B. of E., Reports (Various), 1930; B. M. Journ., 1907; *Brit. Journ. Psych.*, 1921; Burnet, John, 1917, Higher Education and the War; Carnegie Foundation, etc., 1927; Conf. Exams, 1931; Gen. Hist. Educn: 1914, *Law Journ.*, 1924, Chambers's Encycl., 1930, Flexner, Abraham, 1932, Kotschnig, Walter M.; Hughes, R. E., 1902; *Lancet* 1911; L.C.C., 1912; Magnus, Sir Philip, 1910; *Nat. Inst. Indus. Psych. Journ.*, 1922; Scotland: *Educnl News*, 1911, 1915; *Sch.-metr*, 1929; Ziyā al-Dīn Ahmad, 1929.

GERRY CHEMISTRY TESTS, see under *Sch. Sci. Rev.*, 1927.

GHOSAL, B., see under *Ind. Educn*, 1910.

GIBBS, C. H., see under *Prep. Sch. Rev.*, 1907.

GIBBS, R. W. M., see under *Daily Tel.*, 1932.

GIBSON, G. A., see under Scotland: *Educnl News*, 1916.

GILBY, W. H., see under *Biom.*, 1911 (July)-1912 (Jan.).

GILL, T. P., see under Ireland, Northern, B.A., 1905.

GILSON, R. CARY, see under *Journ. Educn*, 1930, 1932.

GIRLS AND WOMEN, EXAMINATIONS FOR, see under Assn Asst Mstrs; Assn H.-mistresses; B. of E., Cons. Cttee, 1923; Burstall, S. A.; Car. Adv. Bd; Gadesden, Florence, M. A.; Gen. Hist. Educn, 1888, 1921; Gray, Frances R.; Hughes, R. E., 1902; India: Calcutta Univ. Comm., 1917-1919, Report; *Journ. Educn*, 1932; Math. Assn, 1926; *Math. Gaz.*, 1926; Scotland: Clarke, John, 1918, Problems, etc.; *Welsh Sec. Sch. Rev.*, 1929.

GLADWIN, F. W. S., see under *Sch. Gov. Chron.*, 1913.

- GLOUCESTERSHIRE HIGHER EDUCATION SUB-COMMITTEE, *see under Educn*, 1932.
- GODLEE, RICKMAN J., *see under Lancet*, 1913.
- GOLDSMITH, OLIVER, *see under Gen. Hist. Educn*, 1770.
- GORDON, W., *see under B. M. Journ.*, 1904.
- GORDON, W. B., *see under Law Society*, 1922.
- GORST, SIR JOHN, *see under B.A.*, 1901; *Educnl News*, 1901; *Highway, The*, 1912; *Manch. Salf. Educn Assn*, 1912.
- GOTT, SIR B. S., *see under Journ. Educn*, 1923; *T.E.S.*, 1924.
- GOW, J., *see under Cookson, Christopher*, 1898.
- GRAY, SIR ERNEST, *see under Germany: Sch.-mstr*, 1927.
- GRAY, SIR ERNEST, and J. H. YONALL.
1907. The N.U.T. Handbook of Education, 1907, 571, Sec. XV, Examinations for Labour Certificates and as a Test of School Efficiency (National Union of Teachers).
- GRAY, FRANCES R.
1931. And Gladly wolde he lerne and gladly teche: a book about learning and teaching, Chap. XV, Examinations and Inspections Past, Present and to come. (Sampson Low, Marston & Co., Ltd.). *See also Daily Tel.*, 1932, Aug, 12: 10 (Review: Girls' Schools must over-ride the Examination Fetish: Cramming, etc. Elizabeth Haldane).
- GRAY, JOHN, *see under B.A.*, 1910.
- GRAY, P. L., *see under Educnl Res.*, 1921.
- GREEK, EXAMINATIONS IN, *see under Assn Asst Mstrs*, 1931; *Conf. H.-mstrs*, 1901, 1902, 1903; *B. of E., Educnl Pamphlets*, 1929, No. 71; *Curzon, Marquis*, 1910; *Gen. Hist. Educn*, 1925, Sargeaunt, John.
- GREENWOOD, L. H. G., *see under Mod. Languages*, 1920.
- GREGORY, H., *see under Assn Asst Mstrs*, 1912.
- GREGORY, SIR RICHARD A., *see under B.A.*, 1917, 1922, 1928; *Kenyon, Sir Frederic G.*, 1919.
- GRESHAM COMMISSION, *see under Gen. Hist. Educn*, 1926, Humberstone, Thomas Lloyd, University Reform, etc.
- GRIERSON, HERBERT JOHN CLIFFORD, *see under Scotland: Clarke, John*, 1919, Problems, etc.
- GRIFFITHS, E. T., *see under Welsh Sec. Sch. Rev.*, 1927.
- GRIFFITHS, JOSEPH, *see under B. M. Journ.*, 1911.

- GROUP TESTS, *see under* Assn Asst Mstrs, 1927; Assn T. in Tech. Inst., 1911; Assn Tech. Inst., 1912; Ballard, Philip Boswood, 1922; Bibliographies (p. xvii); Bristol Univ., 1928; *Brit. Journ. Educnl Psych.*, 1932; Conf. Educnl Assns, 1922; Conf. H.-mstrs, 1927; *Educnl Res.*, 1926, 1932; N. of Eng. Educn Conf., 1929; Richardson, C. A., 1922; *Sch. Guar.*, 1926; Scotland: Educnl Inst. Scot., 1921.
- GSCHWIND, F., *see* Pfister, Oskar.
- GUNN, J. A. (Melbourne), *see under* Cong. Univ. Emp., 1931.
- HADOW, SIR W. H., *see under* Educn, 1911.
- HADOW REPORT, *see under* Assn Asst Mstrs, 1931; Conf. Educnl Assns, 1928; N.U.W.T., 1929; *T.E.S.*, 1931.
- HAIG-BROWN, MISS R. M., *see under* Assn H.-mstrs, 1930; Conf. Educnl Assns, 1921.
- HALDANE, ELIZABETH, *see under* Gray, Frances R.
- HALDANE COMMISSION, *see* Royal Commission on University Education in London.
- HALDANE, VISCOUNT (RICHARD BURDON).
1927. *The Next Step in National Education*, 151 *segg.*, Scotland. Examinations for Leaving Certificates, 184, First School Examination, 193, Free Place Examinations. (University of London Press: London.)
See also under Assn of T. in Tech. Inst., 1913; *Educn.* 1912; Lindsay, Kenneth, 1926.
- HALE, SIR LONSDALE, *see under* Journ. Educn, 1915.
- HALL, G. STANLEY.
1906. *Youth: its Education, Regimen, and Hygiene*, Chap. XII, 349. Examinations. (D. Appleton & Co.: New York.)
1911. *Educational Problems*, 605, Examinations criticised. (D. Appleton & Co.: New York.)
- HALL, R., *see under* Journ. Educn, 1930.
- HALLIBURTON, W. D., *see under* Broad Way, 1906.
- HAMILTON, E. R.
1929. *The Art of Interrogation: with an Introduction by C. Spearman*. Chap. I. The Description of Mind. Chap. II. The Way of Mental Tests, Chap. III. Measurement in Psychology, Chap. IV. Examinations, Old and New, Chap. V. The Testing of Knowledge, Chap. VI. Questions in the Making, Chap. VII. Questioning in the Classroom. (Kegan Paul, Trench, Trubner & Co. Ltd.: London.)
See also under *Educnl Res.*, 1926; *T.E.S.*, 1932.

HAMMOND, J. L., *see under* Gen. Hist. Educn, 1905.

HAMPSHIRE, *see under* Sadler, Sir Michael E., 1904.

HANDWORK, *see under* Journ. Educn, 1930.

HANKIN, G. T., *see under* Hist. Assn, 1912.

HANNAY, A. H., *see under* New Age, 1917.

HAPPOLD, F. C., *see under* History, 1931, 1932.

HARDIE, JOHN L., *see under* Scott. Educnl Journ., 1929.

HARDY, G. H., *see under* B. of E., Special Reports, 1912.

HARRIS, D. R., *see under* Co. Sch. Rev., 1915.

HARTLEY, T., *see under* B. of E., Educnl Pamphlets, 1932, No. 89.

HARTOG, MARCUS, *see under* B.A., 1919; Nint. Cent., 1914.

HARTOG, SIR PHILIP.

1905. Universities, Schools and Examinations. (Sherratt & Hughes : London.)

1918. Examinations and their relation to Culture and Efficiency, (Delivered as a lecture at the Royal Society of Arts, Jan. 1911), I, 1, Examinations in their Bearing on National Efficiency, 34, Speech by the late Earl of Cromer, II, 80, A. Extracts from the Fourth Report of the Royal Commission on the Civil Service, 1914, 89, B, On the Report of the Treasury Committee on Civil Service Class I Examination (1917) . . . 102, E, Prof. Edgeworth's Investigations on the Statistics of Examinations, 136, On Knowledge-Tests and Memory-Tests, 138, G, On the Term "Order of Merit." (Constable & Co.: London.) See also *Educnl Rev.* (William Boyd), 1918, Sept. 6: 267; *Sch. Guar.*, 1918, Oct. 19: 279; *Secy*, 1911, 65; *Spect.*, 1918, Sept. 7: 252-3.

See also under Assn Asst Mstrs, 1912; B.A., 1911; Conf. Educnl Assns, 1931; Conf. Exams, 1931; Cong. Univ. Emp., 1926; Encycl. Brit., 1910; India: Calc. Univ. Comm.; *R.S.A. Journ.*, 1920; *see also* etc.; *T.E.S.*, 1917, 1930; *Univ. Rev.*, 1905.

HARTOG, SIR PHILIP (with the assistance of Mrs. AMY LANGDON).

1908. The Writing of English, 73-74 (The influence of examinations on style; the failure of Examinations to test common-sense and other qualities), Chap. V., 81-84, Examinations (2nd ed. Clarendon Press: Oxford).

HASTINGS, SOMERVILLE, *see under* Socialist Medical Association, 1932.

HATTON, A. P., *see under* Sch. Wor., 1912.

HAWKINS, CEOIL, *see under* B. of E., Special Reports, 1912.

HAYWARD, F. H.

1907. Day and Evening Schools: their Management and Organisation with special reference to the problems of adolescent education, XXVI, The Terminal Examinations (Educational Science Series). (Ralph Holland & Co.: London.)

HAYWARD, F. H.—*Con.*

1912. *The Psychology of Educational Administration and Criticism*; Preface by Sir John Adams, XXIV, Examination, XXV, Inspection. (Ralph Holland & Co.: London.)

See also under Child Study Soc., Journ. Proc., 1922-1923; Nottingham Educn Soc., 1924.

HEAD TEACHERS, NATIONAL ASSOCIATION OF, *see* Nat. Assn Head Tchrs.

Head Teachers' Review, The.

1927. Feb., Vol. V., No. 2, A General Examination in Public Elementary Schools (W. A. Brockington).

1932. Sept., 236, Examinations and Sigmund Freud (The unpalatable truth is that examinations compel work by no means an evil to the great majority of mankind). The Testing System.

See also Educational Research, Supplement to Head Teachers' Rev.

HEADMASTERS, INCORPORATED ASSOCIATION OF, *see* Assn. etc.

HEADMISTRESSES, ASSOCIATION OF, *see* Assn. etc.

HEATH, A. C., *see under Daily Tel., 1932.*

HEATH, ECLAIR, *see under N. of Eng. Educn. Conf., 1921.*

HEATON, E. W., *see under Journ. Educn., 1930.*

HELLER, W. MAYHOWE, *see under B.A., 1932.*

HENDERSON, A., *see under Educat Times, 1921.*

HENDERSON, JOHN, *see under Scotland: Dumfriesshire Local Assn.*

HENDERSON, R. B., *see under Educn, 1928.*

HEPBURN, W. A. F., *see under Conf. Exams, 1931.*

HERBERT, AUBERON, *see under Gen. Hist. Educn, 1889.*

HEREFORD, BISHOP OF, *see Percival, Rt. Rev. John.*

HERON, S., *see under B.A., 1907.*

HEYWOOD, H. B., *see under Math. Gaz., 1925.*

HICKS, R. KEITH, *see under Canada, Mod. Languages, 1927; Mod. Languages, 1929.*

HICKS, W. M., *see under N. of Eng. Educn Conf., 1908.*

HICKSON, SYDNEY J., *see under Brit. Med. Assn, 1920.*

Highway, The (Organ of The Workers' Educational Association).

1912. March, The Failure of National Education; Examination System the worst obstacle to educational progress (Sir John Gorst). *See also A.M.A., 1912, Mar., 36.*

HILDRETH, GERTRUDE H., *see under* Bibliographies, p. xvii, *above*.

HILL, SIR NORMAN, *see under* Law Soc., 1920 ; *Law Times*, 1920.

HINES, C. A., *see under* T.E.S., 1932.

HINTON, R. W., *see under* B. of E., Cons. Cttee, 1911.

HISTORICAL ASSOCIATION.

1912. 6th Annual Conference, Examinations in History (G. T. Hankin). *See also* *Sch. Gov. Chron.*, 1912, Jan. 20 : 77.

1919. Annual Meeting, Jan., How to mitigate the Evils of Examinations (C. H. Firth). *See also* *History*, 1919, July, 79.

1928. Annual Meeting, Jan., Discussion on First School Certificate Examination. *See also* *History*, 1928, Apr., 17 (C. H. K. Marten); *T.E.S.*, 1928, Jan. 14 : 18.

1930. The Case for Experiment in the Setting of History Papers in the First Schools Examination (Pamphlet). (Printed for private circulation only.)

1932. Annual Meeting, Jan., The Ideal History Syllabus (C. H. K. Marten). *See also* *History*, 1932, Apr., 27.

Summary of the Replies of 560 Teachers of History in Secondary Schools to a Questionnaire issued by the Examinations Committee of the Council of the Historical Association in March, 1932 (Pamphlet).

See also under *History*.

HISTORY, EXAMINATIONS IN, *see under* A.M.A., 1929; B. of E.: Sec. Sch. Exams Council, 1932; B.A., 1915; Hist. Assn; *History*; *Journ. Educn*, 1922, 1930; *Nelsonian*, 1930, 1932; *Par. Rev.*, 1930.

History :

1912. Jan., 24 *seqq.*, History in the University Entrance Examinations (Charles Sanford Terry).

1918. Jan., 219, A Symposium on History Examinations (report of an informal gathering of 10 Public School Masters and 5 Oxford and Cambridge Examiners at Eton College).

1925. Apr., 36 *seqq.*, A Conference on History Scholarships (C. H. Cruttwell; R. B. Mowat).

1927. Jan., 44, School Leaving Examinations, Oct., 241, History Periods in School Examinations.

1928. July, 134, History in the Cambridge School Certificate Examination.

1929. Apr., 51, Result of Questionnaire on First School Examinations, 1928 (H. M. Madeley).

1931. Jan., 329-330, The Case for Experiment; Apr., 35, The Case for Experiment in Examinations: a reply (F. C. Happold); July, 118, The Teaching of History in Schools, Conditioning of Curriculum by External Examinations (Arthur J. Williams), 135-137, The Case for Experiment in Examinations: a rejoinder (Arthur J. Williams).

1932. Jan., 320, A Salisbury Experiment in Examination Technique (F. C. Happold); Apr., 45, Experiments in Examination (Miss Tanner).

See also under Hist. Assn. "

HITCHCOCK, RONALD.

1931. *Education a Catastrophe: a Plea for the Rationalisation of the State Schools*; with a Preface by L. P. Jacks, 12 *segg.*, Chap. II, Culture (Control of the University over the Secondary School, the Passing of the Matriculation Examination accepted as the hallmark of sound education, drive towards examination success, great straining on the part of the Primary School for success in Entrance Examination to Secondary School, etc.) (Sidgwick & Jackson, Ltd.: London).

See also *T.E.S.*, 1932, Jan. 16: 23.

HOBHOUSE, L. T., see under *Gen. Hist. Educn.*, 1905.

HOCKIN, H. V., see under *Journ. Educn.*, 1931.

HODGE, HAROLD, see under *Ninet. Cent.*, 1930.

HOFMEYER, G. M., see under *Imp. Educn. Conf.*, 1923.

HOGG, A. F., see under *Assn. Tech. Inst.*, 1922.

HOLDEN, G. T., see under *Assn. Asst. Mstrs.*, 1912.

HOLLAND, J. L., see under *B.A.*, 1929; *East. Midl. Educnl. Assn.*, 1927.

HOLLAND, see under *Add.* (p. 141); *B. of E., Reports (Various)*, 1930.

HOLLOND, H. A., see under *Law Journ.*, 1924.

HOLME, PROF. (Sydney), see under *Cong. Univ. Emp.*, 1926.

HOLMES, EDMOND.

1921. *The Tragedy of Education, 47-9, Evils of Examination System.* (Constable & Co.: London.)

See also under *Sch. Gov. Chron.*, 1911.

HORN, ELSA M., see under *T.E.S.*, 1932.

HOUSEHOLD, H. W., see under *T.E.S.*, 1929.

HOWELL, W. GRAHAM, see under *T.E.S.*, 1932.

HUGHES, J. M., see under *A.M.A.*, 1930.

HUGHES, R. E.

1901. *Schools at Home and Abroad*, 240, *The French Baccalaureat.* (Swan Sonnenschein & Co. Ltd.: London.)

1902. *The Making of Citizens: a Study in Comparative Education*, III, the Primary School System of England, 31-32, "Examinations have serious limitations, etc.", IV, The Primary School System in Germany, 91 *segg.*, Entrance Examination to the Training College, V, The Primary School System of France, 107-108, *Certificat d'Études*, 123, *Brevet Supérieur*, *Certificat d'Aptitude Pédagogique*, VI, The Primary School System of the United States of America, VII, The Working of the Primary Schools (Systems in England, France, and Germany, compared) . . . IX, The Secondary School

HUGHES, R. E.—*Cont.*

System of France, 230, Examination for the Bachelor's Degree, 231, Examinations for Teachers, X, The Secondary School System of Germany, 254, *Abiturienten Examen*, 256, State Examination for Teachers, XI, The Secondary School System of the United States, XII, The Secondary School System of England, 317-318, Examinations for Army and Navy and Civil Service exercise considerable control on the curricula of these schools, 321-322, chaos of examinations, need for abolition of numerous examining bodies, Appendix, the Intermediate Schools of Wales, 332-333, Examinations of Central Welsh Board, XIII, Education of Girls, 363, secondary schools suffering from plethora of examinations. (Walter Scott Publ. Co. Ltd.: London.)

HUMAN, HILARY, see under *Teach. Wor.*, 1924.

Human Factor, The.

1932. May, 170-173, Vocational Guidance: The Birmingham Experiment (Tests) (E. P. Allen): June, 198-208, Vocational Guidance for Secondary Schools (C. A. A. Parkinson), 209-215, The Institute's Evidence to the Royal Commission on the Civil Service.

HUNBERSTONE, THOMAS LLOYD, see under *Gen. Hist. Educn*, 1926; Royal Commission on Civil Service, 1912.

HUNGARY, see under *Sch.-mstr.*, 1929.

HUNTER, MARK, see under *Ind. Educn*, 1904.

HURST, G. H. J., see under *Nature*, 1901.

HUXLEY, THOMAS, see under *Gen. Hist. Educn*, 1854, 1881.

HYDEN, GEORGE T., see under *Sch. Gov. Chron.*, 1906.

HYLLA, ERICH, see under *Conf. Exams*, 1931.

IMPERIAL EDUCATION CONFERENCE.

1923. Report, 95 *segg.*, What Conditions should be satisfied in order to make the Leaving Certificate serviceable to Pupils not proceeding to Universities (F. R. Jamieson), 101, Secondary School Leaving Certificates (A. H. Mackay), 106, Value for the Dominions of External Examinations conducted by Examining Bodies in Great Britain (G. M. Hofmeyr), 146 *segg.*, The Relation of Inspection to Examination (J. C. Smith).

1924. Report, Secondary School Leaving Certificates.

1927. Report, Discussion on Examination and Inspection. See also *Educn*, 1927, July 8: 35-36; *T.E.S.*, 1927, July 9: 323.

INCORPORATED ASSOCIATIONS OF ASSISTANT MASTERS, HEADMASTERS, PREPARATORY SCHOOLS, ETC., see under *Assn.*, etc.

INDEPENDENT SCHOOLS' ASSOCIATION (formerly Private Schools' Association), INCORPORATED.

1908. Conference, Our Local Examinations (College of Preceptors, Cambridge and Oxford Local Examinations, etc.) (W. R. Yardley). See also *Sec. Educn*, 1908, May 15: 48-49.

INDEPENDENT SCHOOLS' ASSOCIATION (formerly Private Schools' Association), INCORPORATED—*Cont.*

1916. Annual General Meeting. Presidential Address (Examinations) (F. A. Sibly).

1928. Annual Conference. School Examinations. See also *Sch. Gor. Chron.*, 1928, Sept. 29: 192.

Meeting at Norwich, Nov., The Danger of Abolishing Examinations (G. P. Dymond). See also *Sec. Educn.* 1928, Nov., 55-56.

1932. Conference at Hereford, Sept., Resolution in regard to Grading of honours in Schools Certificate Examination in the case of Oxford and Cambridge. See also *Indept Sch.*, 1932, Dec., 54.

INDIA.

Calcutta University Commission.

1917-1919. Report, Vol. 2, 141-225, Chap. XVII. The Examination System, (Magnitude of the Examination Problem, Domination of the Teaching System by the Examination System and its results, etc.): Vol. 4, Chap. XXXI, Reform of Secondary Education: Sec. IV, The Conduct of the Intermediate College Examination, Sec. V, The Conduct of the High School Examination, Sec. VI, The Requirements of the High School Examination; Vol. 5, 1 *seqq.*, Chap. XL, Examination Reform: Vol. 6, 125 *seqq.*, App. XIII (Appendix to Chap. XVII), A. Memorandum on frequency curves of the marks of a number of sub-examiners (Zia-ud-din Ahmad and Sir Philip Hartog), B. On the Limits of Error in the Marking of Examination Papers and certain Practical Consequences arising therefrom (Zia-ud-din Ahmad), 210 *seqq.*, App. XXIX, Percentage of Passes at University Examinations (Asutosh Mookerjee): Vol. 7, 109 *seqq.*, Chap. V, Examinations and Appointment of Examiners, 312 *seqq.*, Chap. XIV, Teaching and Examination of Secondary Schools; Vol. 8, Question 1, Defects of the Existing System of University Education, 13, 25, 30, 57, 95, 101, 102, 119, 127, 129, 131, 133, 137, 157, 171, 183, 185, 189, Examinations: Vol. 10, 1 *seqq.*, Question 8, Conditions of Admission to the University, 105 *seqq.*, Question 9, Use and Abuse of Examinations, 229 *seqq.*, Question 10, Improvements in University Examinations: Vol. 11, Question 15, University Examinations and Public Service: Vol. 12, 428, Question 23, Women's Education (should not be dominated by examinations, etc.). (Superintendent Government Printing, India: Calcutta, 1919, 1920.)

Chirol, Valentine, 1910, *Indian Unrest*, XVIII, 217, the Indian Student, Examinations have to be passed to attain higher salary. (Macmillan & Co. Ltd.: London.)

Education Outlook, *The*.

1928, Aug., 259, The External Examination in India (G. Davies Watkins).

Indian Statutory Commission.

1929. Interim Report (Review of Growth of Education in British India by the Auxiliary Committee appointed by the Commission (The Curriculum . . . is dominated by the Matriculation Examination) (H.M. Sta. Office: London). See also *Nature*, 1930, Jan. 18: 93-94.

INDIA—Cont.

Royal Society of Arts Journal.

1920. Jan., 121 *seqq.*, Some Problems of Indian Education (Examination System) (Sir Philip Hartog).

Times Educational Supplement.

1912. July 2: 75, India: Examinations.

1930. Aug. 30: 373, India: Public Service Commission. Memorandum (Competitive Examinations).

University Review.

1907. Apr., 33-37, The University of Calcutta (Aim of Regulations . . . to simplify Examinations).

See also Percy, Lord Eustace, Yr Bk, 1932, 685 *seqq.* (Sir Philip Hartog); and under Gen. Hist. Educn: 1924, Chambers's Encycl.; *Ind. Educn*; Ziyā al-Din Ahmad.

INDIAN CIVIL SERVICE, EXAMINATIONS FOR, see under Add. (p. 141); Conf. H.-mstrs, 1910.

Indian Education.

1904. Aug., 4, University Examinations (D. Mackichan), 57, On Preparation for University Examinations in English (Mark Hunter).

1905. Sept., 55, Problems of Higher Education in India: The Study of Mathematics (Examinations) (H. R. James).

1906. Jan., 344, Problems of Higher Education in India, IX. The Puzzle of Examinations (H. R. James); Mar., 449, Some Impressions of Bombay University Examiners (N. Macnicol, A. Robertson); July, 635, School Final and Matriculation Examinations in Bombay (S. J. Flink).

1907. April, 402-3, Changes at Bombay Matriculation (N. K. Bhawe).

1908. Sept., 75, The Madras School Final; Dec., 209, Matriculation Science (D. H. Vachha).

1909. Jan., 251, Matriculation Science (D. H. Vachha); Jan., 265; Mar., 354; June, 507, Quinquennial Report, Bombay: a few criticisms (Vernacular Final Examination); Jan., 271, Public Instruction in the United Provinces of Agra and Oudh, 1906-7 (Matriculation Examination); June, 494, Draft Scheme of University Education for the Bombay Presidency; Mar., 348, Are Matriculation Requirements excessive? (C. G. Shah); Sept., 62, The Matriculation Examination, Bombay (V. G. Apte); Sept., 67, The Examination Problem under the Direct Method (Karim Mahomed), 73-74, The Evil of Weekly Examinations (S. A. Dave).

1910. March, 353, Some Remarks on the High School and Middle School Scholarship Examination Rules (I. M. Sayani); July, 543, Suggested Improvements in the Matriculation and School Final Examinations (B. Ghosal); Aug., 27, How to discourage cram (N. L. Phadke).

1911. Sept., 61-62, Weekly Examinations (Sakarai Motilal).

1912. Sept., 76, Examinations and their methods (N. K. Bhawe); Dec., 199, The School Final in Madras (C. R. Srinivasa Rangachary).

INDIAN EDUCATION—*Cont.*

1913. Feb., 305; Aug., 16, The School Final in Madras (C. R. Srinivasa Rangachary); Nov., 156, Vernacular Teachers and School Final Examination.
1914. Feb., 312, The Working of the Madras School Final (C. R. S. Rangachary); July, 553, Examination and Health of Students.
1915. Feb., 297, School Records and their Results (C. R. S. Rangachary); Sept., 70, The Vernacular Final Examination; March, 340, Examinations in Secondary Schools (Sir Michael Sadler).
1919. Feb., 303, The Value of Examination (B. A. Majid), 307, Function of Examinations (B. A. Majid).
1921. Mar., 348, Educational Measurements (E. L. King); Sept., 53, Examinations and Culture (Perse School, Cambridge) (Sir Michael Sadler).

Indian Mathematical Society, *Journal*.

1922. April, 43 *seqq.*, A Statistical Study of some Examination Marks (Paper read before the Indian Science Congress, 1922) (P. V. Seshu Ayyar, and S. R. Ranganathan). See also *J.S.S.*, 1923, Jan., 59-60 (F. Y. Edgeworth).

INDIAN STATUTORY COMMISSION, *see under* India.

INDIVIDUAL EXAMINATIONS, *see under* Assn Educn Cttees, 1906, 1927; L.C.C., 1907; Nat. Fed. Ct. Tchrs, 1924; N.U.T., 1901, 1904, 1907, 1922, 1925, 1926; *Sch.-metr.*, 1904; Scotland: Educnl Inst. Scotl., 1911.

INDUSTRIAL FATIGUE RESEARCH BOARD.

1926. A Study in Vocational Guidance (Report No. 33). Reliability of Interviews (Cyril Burt).

INGLIS, ALEXANDER.

1922. Principles of Secondary Education, 324 *seqq.*, Methods of Selecting Students for Admission to College; Examination Methods in practice; Advantages and disadvantages of examination; the certificating or accrediting system; The advantages and disadvantages of the accrediting system; Methods of administering the accrediting system. (Harrap & Co. Ltd.: London.)

INSTITUTE OF MECHANICAL ENGINEERS, *see under* Assn T. in Tech. Inst., 1922.

INSURANCE INSTITUTE OF LONDON.

1931. Meeting, Oct. 5. Presidential Address (W. A. Workman), Examinations and Business Careers. *See Educn*, 1931, Oct. 23: 395.

INTELLIGENCE TESTS, *see* Mental Tests.

IRELAND.

Irish Free State.

Times Educational Supplement.

1927. Sept. 24: 422, Ireland: Certificate Examination (Free State).

1929. July 20: 330; Sept. 14: 398, Ireland (Free State), Certificate Examination.

1931. Mar. 28: 112, Ireland: Free State. Public Examinations.

See also Percy, Lord Eustace, Yr Bk, 1932, 715 *seqq.* (H. R. Chillingworth); and under *Journ Educn*, 1925.

Northern Ireland.

Board of Education. Departmental Committee on the Educational Services in Northern Ireland:

1923. Report (Extracts), Inspection of Schools; Stress on Examinations, etc. See also *Sch.-mstr*, 1923, Sept. 7: 326.

British Association.

1908. Report, Trans. Sec. L., 933-4. (i) Character and Educational Efficiency (T. P. Gill) (The fact that a written examination was imposed by law as the sole test has fatally governed the whole character of the Irish intermediate system for nearly two generations), 934, (ii) The Correlation of Primary, Secondary and University Education in Ireland; Examinations of Secondary Schools (Benjamin Moore).

Journal of Education.

1907. June, 397-399, The Irish Intermediate System (I. L. Kandel).

School.

1908. 63-65, Secondary Education in Ireland (Examination System (I. L. Kandel).

Times Educational Supplement.

1931. Feb., 21: 66, Northern Ireland: "A Full Secondary Course"; Senior Certificate Examination; July 25: 294, Certificate Examinations.

See also under *A.M.A.*, 1911; Gen. Hist. Educn, 1932, Percy, Lord Eustace, Yr Bk; *Journ. Educn*, 1925.

See also *Univ. Rev.*, 1905. Nov., 113, Examinations in Ireland and the University Question (Bertram C. Windle); and under Gen. Hist. Educn: 1770, 1902, 1903, 1924.

IRVING, A., see under *Nature*, 1902.

ITALY, see Percy, Lord Eustace, Yr Bk of Education, 1932, 866, Students and Examinations (Marino Lazzari).

JACKS, L. P., see under Hitchcock, Ronald, 1931.

JACKSON, C. S., see under *Nature*, 1902.

JAMES, A., see under *Forum Educn*, 1925.

JAMES, ALEX, see under *Lancet*, 1927.

JAMES, H. R., see under *Ind. Educn*, 1905, 1906.

JAMES, JOHN, *see under* Fed. Educn Comm. (Wales and Monmouthshire).

JAMES, S. R., *see under* T.G. Quart., 1911.

JAMIESON, F. R., *see under* Imp. Educn Conf., 1923.

JAPAN.

Kikuchi, D., 1909, Japanese Education: Lectures delivered in the University of London, Chap. III, Teachers' Certificates; General Certificates. . . Certificates without Examination, etc. Chap. XXI, Secondary School Teachers—Certificates, etc. Chap. XXVI, Higher Education. Qualification for entrance to University. (John Murray: London.)

Sharp, W. H., 1906, The Educational System of Japan, Sections on Examinations under various headings and Chap. XVIII, Examinations: Competitive Examinations for the Civil Service; Entrance Examination for Schools; Periodical Examinations in Schools; their simplicity; no outside examiners; high proportion of passes; cramming (office of the Director-General of Education in India, Occasional Reports, No. 3). (Government Central Press: Bombay.)

See also under Gen. Hist. Educn, 1924, Chambers's Encycl.

JENSEN, W. H., *see under* A.M.A., 1931.

JERUSALEM, *see under* *Univers Rev.*, 1932.

JOHNSON, H. J., *see under* Law Soc., 1910.

JOHNSTON, KATHARINE L., *see under* B.A, 1910; *Educnl Times*, 1910.

JOHNSTON, SIR REGINALD F., *see under* China, *see also* etc.

JOINT COMMITTEE OF LONDON SECONDARY ASSOCIATIONS, *see under* Assn of T. in Tech. Inst., 1913.

JOINT MATRICULATION BOARD OF THE NORTHERN UNIVERSITIES, *see* Northern Universities, etc.

JOLLIFFE, A. E., *see under* B. of E, Special Reports, 1912.

JONES, A., *see under* Wales: Welsh County Sch. Assn, 1918.

JONES, A. GOWER, *see under* Welsh Sec. Sch. Rev., 1929.

JONES, D. CARADOG and J. M. CROFTS, *see* Crofts, J. M.

JONES, E. CELLAN, *see under* Educn, 1912.

JONES, EDMUND D., *see under* Co. Sch. Rev., 1916.

JONES, FRED LLEWELLYN, *see under* Wales; *Solicrs' Journ.*, 1923.

JONES, H. GERTRUDE, *see under* Biom., 1909 (July)-1910 (Oct.).

Journal of Careers, The.

1926. Dec., 5-6, The Matriculation Fetish (Randall Williams).

1927. Jan., 30, The Matriculation Fetish: a broader School Examination required (L. Cecil Smith); April, 19, Confessions of an Examiner (V. P.).

Journal of Careers, The—Cont.

1928. April, 41, Local Educational Authorities and Mental Tests in Scholarship Examinations.
1931. Oct., 39, Insecurity of tenure: a new viewpoint in selecting a career (School Examinations . . . poor tests of aptitudes); Nov., 34, The Personal Interview in selecting for the Civil Service, 36, Psychological Tests for Admission to Business Administration Course: New departure at London School of Economics.
1932. July-Aug., 49; Oct., 52; Nov., 53; Dec., 51, A Summary of Professional Preliminary Examinations and Conditions of Exemption, together with a note on Additional Privileges and Exemptions attaching to Higher and School Certificates; Nov., 44, Careers for which the School Certificate is not required.

Journal of Education, The.

1907. Aug. 1: 567, The Leaving Examination condemned; revolt against examinations in Western Europe.
1912. May, 308, External Examinations.
1914. Oct., 682, West Riding Tests for Scholarships, 695, Science Examinations: Need for reform.
1915. May, 281, Sir Lonsdale Hale on Examinations.
1919. Jan., 17, The Higher School Examination in its relation to University Courses.
1920. Feb., 93, A Review of First School Examinations; June, 368, School Entrance Examinations in English.
1921. Jan., 14, Mathematics in the First School Examination (R. Wyke Bayliss); Mar., 155, Higher School Examination of the University of London and the Intermediate Examinations (E. H. Pritchard); Sept., 578, Thoughts on Examinations in English (an Examiner).
1922. May, 264, History Examinations (E. H. Dance).
1923. June, 359, Intelligence Tests (M. A. Rayment); Sept., 619 *seqq.*, School and University Scholarships (Elementary Schools; Girls' Secondary and Public Schools); Local Authorities; Preparatory Schools; Public Schools; Secondary Schools (C. W. Crook, A. M. Stoneman, Cyril Norwood, Sir B. S. Gott, etc.); Dec., 779, The First Examination (A. D'Arcy Chapman).
1924. May, 277, Overpressure and Examinations; Aug., 535, The Second School Examination (Agnes Catnach); Sept., 643-646, School and University Scholarships: Classics and English in Public School and University Scholarships, Geography and Scholarship awards, Modern Language Scholarships at the Universities, Mathematics in Scholarship Examinations, State Scholarships (J. A. Nairn), 646, Common Examination for Entrance to Public Schools (H. C. King).
1925. Jan., 16, Matriculation (J. Wickham Murray); Jan., *seqq.*, School Examinations and the Universities, incl.: Jan., 27-29, I. Introduction (Cyril Norwood); Feb., 97, II. Oxford University and National Examinations (G. E. S. Coxhead); Mar., 165, III. Cambridge University and National Examinations (E. S. Smith); Apr., 243, IV. The University of London (F. W. M. Draper), May, 305, V. The Northern Universities (C. W. Bailey), June, 389, VI. Durham University (E. R. Thomas); July, 479, VII. Bristol (A. Smith); Aug., 557, VIII. The Central Welsh Board (D. J.

Journal of Education, The—Cont.

- Lloyd); Sept., 617, IX. The Irish Free State (J. Thompson); Oct., 691, X. Examinations in Scotland (A. C. Paterson); Nov., 759, XI. Northern Ireland (W. S. Armour), Dec., 825, XII. British Empire beyond Seas and U.S.A. (W. H. Dawson); Sept., 652. The Award of University Scholarships (H. G. Abel).
1926. June, 412, Technical School Examinations (J. Wickham Murray); July, 508; Aug., 572, Technical School Examinations (Criticisms of J. Wickham Murray's article); Sept., 630, A Leaving Examination for Central Schools (H. G. Stead), 679-680, Principles and Methods of Award (W. H. Dawson).
1927. Apr., 235; May, 330-332; Aug., 603, Overlapping in School and University (Higher School Certificate Examination) (C. W. Bailey); Dec., 882, 886, School Leaving Certificate.
1928. Mar., 161, Examination Reform; Apr., 233, The First School Examination: some observations and a suggestion; June, 393, Art in School Certificate Examinations (Alfred Shuttleworth); Oct., 719, The Army, Navy and Air Force, including the Mercantile Marine (Examinations) (De V. Payen-Payne); Dec., 861, Agricultural Science as a School Certificate Subject (C. H. Lockitt).
1929. Jan., 10, Examinations in Literature (E. E. Reynolds), 28, Education in 1928 (Examinations in Secondary Schools); Feb., 90, Examinations in Literature (Criticism of article by E. E. Reynolds) (G. F. Bridge); Mar., 156, July, 488, The Teaching of Modern Languages and the School Certificate Examination (Sydney W. Wells); Apr., 241, The First School Examination (Criticism); Aug., 573 *seqq.*, Geography for the School Certificate and Matriculation Examinations, 579, Predicting School Achievement (Intelligence Tests) (David W. Oates); Oct., 711, The Teacher as Examiner (Sir John Adams); Nov., 805, Examinations in Sheffield (General Efficiency Examination).
1930. Jan. *seqq.*, The First School Examination: Teachers' Views on Subjects and Syllabuses, Jan., 7, I. Introduction (R. Cary Gilson). Feb., 87, II. Classics (J. A. Nairn), Mar., 165, III. English (C. W. Bailey), Apr., 237, IV. Modern Languages (French the only language offered by a large number of candidates, German, Spanish, etc., negligible; expression in good English asked for by only one examining body) (A. R. Florian), May, 313, V. History (G. E. S. Coxhead), June, 399, VI. Science (R. R. Dobson), July, 513, VII. Mathematics (W. Parkinson), Aug., 599, VIII. Geography (E. W. Heaton), Sept., 657, IX. Music (G. E. Linfoot), Oct., 739, X. Art (R. Hall), Nov., 813, XI. Religious Knowledge (H. Costley-White), Dec., 881, XII. Handwork (J. Lloyd); Feb., 90, Team Work for the First School Examination: the modern language aspect (Geoffrey H. Chase), 104, School Certificate and Matriculation (differences); Mar., 167, Some common errors and shortcomings in Examinations (Geography), 170, Drama in the English Syllabus (The School Certificate Examination) (A. M. Walmsley), 171, School Certificate History: its aims and its achievements (E. H. Dance), 187, Local Education Authorities and the School Certificate; Apr., 261, The Difficulties of Selective Examinations (Leicestershire); May, 317-320, The Teaching of Modern Languages and the School Certificate Examinations, IV, The Middle School (French) (Sydney W. Wells), 330, French at the

Journal of Education, The—Cont.

- First School Examination (C. Brereton); May, 324, July, 522, English in the School Certificate; Sept., 660, English in the Higher Certificate, 677-678, The School Certificate (R. M. Carey); Nov., 815, Secondary School Teachers and Examination Policies (G. R. Parker).
1931. Jan., 10 *seqq.*, The First School Examination: Teachers' Views on subjects and syllabuses, XIII. Domestic Subjects (Lucrotia Leigh); Jan., 14, Mar., 161, Apr., 231, Mathematics as an Examination Subject (the Higher School Certificate Examination) (L. Crosland); Jan., 20, Secondary School Teachers and Examination Policies (a reply to G. R. Parker, Nov. 1930 *above*) (M. L. Newman, H. V. Hookin); Jan., 22, Feb., 139, Mar., 166, Apr., 236, Bureaucracy in the Schools (H. V. Hookin, Arthur Lyon, Administrator); Feb., 107, The Matriculation Incubus; Apr., 233-235, Aug., 572-573, Examinations under criticism: competitive examinations: a challenge (R. M. Carey); July, 481, The Teaching of Modern Languages and the School Certificate Examination (Sydney W. Wells), 503, Secondary School Examinations and the Board of Education; Aug., 560, Intelligence Tests in Civil Service Examinations (S. B. Lucas); Dec., 832-833, Geography as an examination subject (R. H. Ducé).
1932. Jan., 13-14, Education in 1931 (unfortunate consequences of School-leaving Examination in education of girls) (T. Rayment), 16 *seqq.*, Geography as an Examination Subject, Pt. II (R. H. Ducé), 30, The Marking of Examination Papers (Durham University School Examinations Board Experiment); Feb., 83, Geography as an Examination Subject, Pt. III (R. H. Ducé), 90, The Marking of Examination Papers; June, 359 *seqq.*, Secondary School Problems, VI. Free Places in Secondary Schools (Charles W. Bailey); July, 481-482, Research in Education (Examination Controversy); Aug., 535-538, Secondary School Problem, VIII, Examinations (R. Cary Gilson), 596, Thirty Years of Secondary Education (multiplicity of examinations) (William Edwards), 795-797, Secondary School Problems, XII, The Scholarship System in Secondary Schools (P. Abbott).

Journal of Experimental Pedagogy, The.

1911. Nov., 93, Experimental Tests of Higher Mental Processes and their Relation to General Intelligence (Cyril Burt).
1912. June, 320, The Ebbinghaus Conjectural Method of Examination (A. P. Weiss).
1914. Dec., 449, The Value of the Combination Method for Examination Purposes (William Boyd).
1921. Dec., 165, Intelligence Tests in Examinations for Junior Scholarships (A. R. Laws and S. Bowie).
1922. March, 248, Intelligence Tests in Examinations for Junior Scholarships (C. A. Richardson).

JUDD, C. H., *see under* Conf. Exams, 1931.

KANDEL, I. L.

1931. History of Secondary Education, Chap. VIII, 369, Examinations and Standards. (G. Harrap & Co.: London.)
- See also under* America, U.S. of; Ireland, Northern: *Journ. Educn*, 1907, *School*, 1908.

KEATINGE, M. W.

1916. *Studies in Education*, 125; *Utility in Education prizes, promotions, scholarships, etc.* (A. & C. Black Ltd.: London.)

See also under Brit. Psych. Soc., 1908.

KEITH, ARTHUR, *see under B. M. A.*, 1920.

KENT EDUCATION COMMITTEE.

1926. *Report of an Investigation of the Free Place Scholarship Examination 1926 in the County of Kent* (Andrew Bell). *See also Sch. Gov. Chron.*, 1927, Jan. 1: 6.

KENYON, SIR FREDERIC G.

1919. *Education, Secondary and University: a Report of Conferences between the Council for Humanistic Studies and the Conjoint Board of Scientific Societies*, 11 *seqq.*, *School Examinations*, 14-20, *Entrance to Universities* (examinations, while good servants are bad masters), 20-26, *Entrance Scholarships at Universities* (the difficulty is to devise an examination which will give adequate weight to breadth of knowledge and to ability rather than to accomplishment in a special subject), 26-35, *University Education*, 36, *Resolutions in regard to School Examinations and Entrance to Universities*, *Entrance Scholarships of Universities*, 41, App. II, *Memorandum on Entrance Scholarships at the Universities*, 45, App. III, *Memorandum by Sir Richard A. Gregory on Board of Education Report on Scholarships for Higher Education* (John Murray: London). *See also Nature*, 1919, June 12: 286-287.

KEPPEL, FREDERICK P., *see under Conf. Exams*, 1931.

KIKUCHI, D., *see under Japan*.

KIMMINS, C. W., *see under B. A.*, 1929.

KINO, ARTHUR, *see under B. M. Journ.*, 1912.

KINO, BOLTON.

1929. *Schools of To-day: Problems in English Education*, 96-7, *School Certificate Examination*. (J. M. Dent & Sons: London.)

KING, E. L., *see under Ind. Educn*, 1921.

KING, H. C., *see under Journ. Educn*, 1924.

KINO, MAURICE, *see under Argentine Republic*.

KITSON, HARRY D., *see under Lee, Edwin A.*, 1928, *Objectives, etc.*

KNOWLEDGE TESTS, *see under Hartog, Sir Philip*, 1918.

KOTSCHENIO, WALTER M., *see under Gen. Hist. Educn*, 1932.

LABOUR CERTIFICATES, *see under Gray, Sir Ernest*, 1907.

LAFFAN, R. S. DE COURCY, *see under Sch. Wor.*, 1904.

LAMPREY, A. S., *see under T.E.S.*, 1920.

LANCASHIRE, *see under Assn of T. in Tech. Inst.*, 1914; *Educn*, 1930; *L.C.C.*, 1907.

LANCELOT, J. B., *see under Scotland*: N. of Eng. Educn Conf., 1905.

Lancet, *The*.

1901. Jan. 19: 213, Weak Points in the Examination System (F. G. Parsons); Oct. 26: 1103-1106, Examinations and the Education of the Special Senses: an Address delivered at the Queen's Hospital, Birmingham, on Oct. 18, 1901 (Thomas Bryant).

1905. May 27: 1440 *seqq.*; June 3: 1533-1535, Medicine, its Practice and its Public Relations, the Present State of Medical Examination, Scheme of Examinations of the General Medical Council, the General Medical Council and the Final Examinations; Oct. 14: 1084, An Address on Medical Education in London (The Examination Question: The One-portal System) (T. Clifford Allbutt).

1907. Mar. 2: 561-565, Medical Education and the Evil of the Examination Fetish (Lauriston E. Shaw).

1908. Nov. 28: 1614-1616, 1773, The Objects of Examinations, Good and Bad Examiners, *Viva Voce* Examinations, the Uncertainty of Examinations.

1909. Feb. 27: 630-631, Candidates in Examinations, 649, The Object of Examinations; Oct. 23: 1232-1233. Oct. 30: 1301-1303; Nov. 13: 1459-1464, Nov. 20: 1531-1532, Nov. 27: 1616-1618; Dec. 4: 1694-1696, Dec. 11: 1766-1767, Dec. 25: 1935-1936, Some Considerations of Medical Education (the Supervision of the General Medical Council... the One-portal System, the Introductory Examination in General Subjects, the Examination In Preliminary and Scientific Subjects... Instruction without Examination, etc.).

1911. Medicine in Scandinavia, July 1: 36, Norway, July 8: 114-115, Denmark, July 22: 244-245, Sweden; Oct. 21: 1145-1146, The One-portal System; Nov. 11: 1350-1351, Medical Education in Germany, 1353, Memorandum on Medical Education submitted to the Royal Commission on University Education in London, the Final Examination and after (Germany).

1913. Oct. 11: 1047-1050, An Introductory Address on Examinations, Examiners, and Examinees (Sir William Osler), 1071, Education and Examination; Oct. 18: 1155, Examinations, Examiners and Examinees (Rickman J. Godlee); Nov. 1: 1287, Examinations, Examiners and Examinees (Lauriston E. Shaw).

1918. May 18: 715, The Primary Examination for the F.R.C.S., Eng.: an appeal to the President of the Royal College of Surgeons (Sir William Osler).

1919. Apr. 5: 571-573, The Form of Medical Education.

1926. Aug. 28: 459, Examinations (Nervous stress of examinations).

1927. Aug. 27: 457-458, Treatment of Disorders associated with Examinations (Alan Moncrieff); Sept. 10: 579, Examiners and Examinees (letters commenting on Dr. Moncrieff's article) (Alex. James, Claude Lillingston.)

Lancet, The—Cont.

1930. Nov. 15: 1099-1100, Medical Education (increase of number of subjects carries with it an additional evil; the student, in his endeavour to achieve examination success, resorts to the highly vicious process of cramming (Donald Bateman); Dec. 20: 1381. The Future of the Medical Curriculum (In a still more golden age the student will be marked like a schoolboy on his term's work and examinations will become relatively unimportant...) (Lindsey W. Batten).

1932. June 4: 1212, Narrow Specialisation (The system under which University scholarships are allocated naturally influences the teaching in the higher forms of schools... spoon feeding of ordinary students to enable them to take honours degrees deplored); Oct. 1: 755, What is Wrong with the Medical Curriculum in France (anonyms written examination with elimination function instituted, to take effect in 1933).

LANGDON, MRS AMY H., *see* Hartog, Sir Philip.

LATHAM, HENRY, *see* under Gen. Hist. Educn, 1877.

LATIN, EXAMINATIONS IN, *see* under Assn Arst Mstrs, 1930, 1931; B. of E., Educn Pamph., 1931; Conf. H.-mstrs. 1931; Gen. Hist. Educn, 1902, 1925; Sci. Mstrs Assn. 1905; T.E.S., 1932.

LAURIE, S. S., *see* under Gen. Hist. Educn, 1900.

LAW, SCHOOL OF, *see* under Gen. Hist. Educn, 1903, 1922; *Lancet*; *Law Journ.*; *Law Soc.*

Law Journal, The.

1901. Oct. 19: 516-517, A Plea for a General School of Law (Scheme to test by examination the proficiency of persons seeking to be admitted to the practice of law in England) (Herbert Bentwich).

1903. Jan. 17: 35 *seqq.*, Law Students' Congress, suggested establishment of School of Law, Yorkshire scheme of Legal Education. Leeds Law Students' Society (Committee's Report on System of Examinations), Bedford Law Students' Society (Examinations Committee's Examination Policy); Aug. 29: 436, Law Society's Scheme of Legal Education (to provide complete Course of Study for Intermediate and Final Examinations).

1908. Oct. 3: 593, The Solicitor in the Making (Examinations for Entrance to the Profession) (J. Moore-Bayley), 594, An Experiment in Legal Education for Country Articled Clerks (Examinations not the sole object of the work) (F. Bentham Stevens).

1913. Oct. 25: 604 *seqq.*, Legal Education, I. (Sir Albert K. Rollit) (necessity for closer connection of all London legal schools with the University... to provide scholastically not only for the qualifying and honours examinations of the legal profession but also for teaching, and for testing both teaching and scholarship by examination, so as to eliminate mere cramming, etc.), 607, II. (Frederick J. Munby).

1916. Dec. 2: 565-567, Legal Education (Arthur Sharpe, Chairman of Examinations Committee).

1917. Dec. 1: 421-422, A Lawyer's Education (J. Worsfold Budd).

Law Journal, The—Cont.

1922. Oct. 7: 330-331, The Development of Legal Education (The Training of Articled Clerks, the Establishment of Law Schools, etc.).
1923. Jan. 6: 6; Jan. 20: 18, 28, Provision of Solicitors' Act, 1922, in regard to Attendance of Articled Clerks at a One Year's Course at a Law School.
1924. July 19: 456-457, Legal Education in England and America (English System of Bar Examinations, Law School, Chancery Lane, Attendance of Articled Clerks at a Course of Legal Education, Requirements of Candidates for Admission to American Bar) (H. A. Hollond).

LAW SOCIETY.

1905. Annual Provincial Meeting, October, Presidential Address (Charles Mylne Barker), School of Law, Legal Education (Oral examinations as part of test advocated). See *Solicr's Journ.*, 1905, Oct. 14: 796.
1906. Annual Provincial Meeting, October, Presidential Address (Henry Attlee), Legal Education (the Society's Examinations). See *Solicr's Journ.*, 1906, Oct. 13: 774-775.
1908. Annual Provincial Meeting, The Solicitor in the Making (Examinations imposed by the Law Society not of a kind calculated to ensure sound knowledge of legal principle as distinguished from mere isolated facts) (J. Moore Bayley). See *Solicr's Journ.*, 1908, Oct. 3: 801-802.
1910. Annual Provincial Meeting, Presidential Address (H. J. Johnson), Preliminary Examinations (higher general education to be required before admission to profession, the examination for admission, etc.). See *Solicr's Journ.*, 1910, Oct. 1: 816.
Special General Meeting, Apr. 29, Intermediate Examination (Discussion). See *Solicr's Journ.*, 1910, May 7: 483-484.
1916. Special General Meeting, Jan. 28, Book-keeping in Intermediate Examinations for Law. See *Solicr's Journ.*, Feb. 5: 259-260.
1920. Annual Provincial Meeting, October, the General and Technical Education needed by a Student for the Solicitor's Profession (Sir Norman Hill). See *Solicr's Journ.*, 1920, Nov. 13: 76-78.
1921. Annual Meeting, July 8, Annual Report. Legal Education Bill, Professional Entrance Examinations. See *Law Times*, 1921, June 25: 441.
1922. Annual Meeting, July 7, Annual Report, Legal Education Bill, Professional Entrance Examinations. See *Law Times*, 1922, June 24: 481; July 1: 7.
Annual Provincial Meeting, September, The Development of Legal Education (official policy . . . to impose increasingly stringent educational tests as a necessary qualification for the Profession (W. B. Gordon). See *Solicr's Journ.*, 1922, Sep. 30: 785, 797-798.
1923. Annual Meeting, July 6, Annual Report, The Society's Educational Work (Passing of the Solicitors' Act 1922, Sect. 2, Articled Clerks and One-year Course of Legal Education. See *Law Times*, 1923, June 23: 533.

LAW SOCIETY—*Cont.*

1928. Annual Provincial Meeting, Oct. 2-6, Presidential Address (Robert Mills Welsford), Legal Education, Course of Study before Articles, Relation of Legal Education to Practice, A Professional Law School. See *Law Times*, 1928, Oct. 6: 226-227; *Solicitors' Journ.*, 1928, Oct. 13: 665-666, 685-687.
1931. Annual Provincial Meeting, Oct. 5-8, Theory and Practice in Legal Education (It is common knowledge that many young men with excellent examination records make indifferent practitioners) (Harold Potter). See *Law Times*, 1931, Oct. 10: 279-283.

Law Times, The.

1903. Sept. 5: 431, The Law Society's New Scheme of Legal Education (Teaching of articled clerks by the Society deprecated, preparation for examinations . . . in most cases, not of much material benefit so far as the obtaining of that knowledge which is lasting is concerned); Nov. 28: 94; Dec. 5: 118, Law Society's Preliminary Examination.
1920. Oct. 16: 231-233, The General and Technical Education needed by a Student for the Solicitor's Profession. (The foundation for this technical education must be a liberal general education, and its soundness should be tested by the Preliminary Examination) (Sir Norman Hill).
1922. July 1: 154, Solicitors and the Preliminary Examination, the Final Examination.

LAWRENSEN, T. A., see under N. of Eng. Educn Conf., 1912.

LAWS, A. R., see under *Journ. Exper. Ped.*, 1921.

LAWSON, H. S., see under B.A., 1910; Egypt: *A.M.A.*, 1911.

LAZZARI, MARINO, see under Italy.

LEARNED, W. S., see under Carnegie Foundation, etc., 1927.

LEATHES, SIR STANLEY.

1913. What is Education? Chap. VIII. Examinations. (G. Bell & Sons, Ltd.: London.)

See also under Eng. Assn, 1913; *Sch. Gov. Chron.*, 1912.

LEAVING LETTER, see under Sadler, Sir Michael E., 1905, Report on Sec. Educn, Liverpool.

LEE, EDWIN A. (Ed.).

1928. Objectives and Problems of Vocational Education, Chap. I, The Ancestry of Vocational Education (Charles A. Bennett), Chap. XI, Trends in Vocational Guidance, 305-306, Intelligence Tests (Harry D. Kitson) (McCraw-Hill Publishing Co.: London).

LEEDS LAW STUDENTS' SOCIETY, see under *Law Journ.*, 1903.

LEGAL EDUCATION, see under Gen. Inst. Educn, 1914, 1928; *Law Journ.*; *Law Soc.*; *Law Times*; Sheffield Dist. Inc. Law Soc.; Solicitors' Managing Clerks' Assn; *Solicitors' Journ.*; Wales: *Solicitors' Journ.*

LEICESTERSHIRE COUNTY COUNCIL.

1926. Education Committee, Report of Annual Schools Examination.
See also *Educn*, 1926, Sept. 3 : 199-200, 206-207 ; *Sch.-mstr*, 1926, Aug., 187.

Report by W. A. Brockington, February 1926, Oral Examinations and Intelligence Tests. See also *Educn*, 1926, Aug. 27 : 187 *seqq.*

See also under Brockington, W. A. ; *Journ. Educn*, 1930 ; N.U.T., 1927 ; *Sch. Gov. Chron.*, 1921.

LEIGH, LUCRETIA, see under *Journ. Educn*, 1931.

LEONARD, J. H., see under *School*, 1907.

LEWIS, MICHAEL, see under *New Age*, 1926.

LILLINGSTON, CLAUDE, see under *Lancet*, 1927.

LINDSAY, JAMES, see under *Sat. Rev.*, 1931.

LINDSAY, KENNETH.

1926. Social Progress and Educational Waste : being a Study of the "Free-Place" and Scholarship System ; with an introduction by Viscount Haldane (George Routledge & Sons, Ltd. : London).

LINFOOT, G. E., see under *Journ. Educn*, 1930.

LINKLATER, P., see under *T.E.S.*, 1932.

LIPMANN, OTTO, see under B.A., 1910 ; *Sch. Wor.*, 1910.

LITERATURE, EXAMINATIONS IN, see under *Journ. Educn*, 1929 ; *Mod. Languages*, 1927, 1929.

LIVERPOOL EDUCATION COMMITTEE, see under Sadler, Sir Michael E., 1905.

LIVERY COMPANIES OF LONDON, see under Gen. Hist. Educn, 1878.

LIVINGSTONE, R. W.

1916. A Defence of Classical Education, 248, Influence of University Scholarship Examinations on teaching. (Macmillan & Co. Ltd. : London.)

LLEWELLYN, W. E. M., see under *Mod. Languages*, 1924.

LLOYD, ARNOLD, see under *T.E.S.*, 1932.

LLOYD, D. J., see under *Journ. Educn*, 1925.

LLOYD, J., see under *Journ. Educn*, 1930.

LOCKITT, C. H., see under *Journ. Educn*, 1928.

LOCKYER, SIR NORMAN.

1906. Education and National Progress, 13, 16, 55, 237, Evils of Examinations. (Macmillan & Co. : London.)

LODGE, SIR OLIVER, see under Assn H.-mstrs, 1903 ; B.A., 1903 ; *Nat. Rev.*, 1902 ; *Univ. Rev.*, 1908.

LOFTFIELD, GABRIEL E., *see under* America, United States of, Department of Interior, 1930.

LONDON COUNTY COUNCIL.

1900. Technical Education Board, Conference of Science Teachers, Jan. 10 and 11, Metal Work as a Form of Manual Instruction in Schools (Every teacher . . . of science to boys knows that the class consists of two distinct types . . . those who are fitted . . . to take a more or less high position in public examinations . . . and those who have no prospect of such success and whose future success will depend . . . upon other qualifications) (Paper read: W. Ripper). *See Naturc*, 1900, Jan. 18: 283, Feb. 8: 356.

1905. Scholarship Scheme. *See also Sch.-mstr*, 1905, Jan. 28: 182, Feb. 4: 244.

1906. Education Committee, Report on Elementary School Leaving Examination. *See also Sch. Gor. Chron.*, 1906, Mar. 31: 285-286.

1907. Examinations for L.C.C. Intermediate Scholarships. *See also Sch. Gor. Chron.*, 1907, Nov. 30: 445 (Federated Association of London Non-Primary Teachers: Scheme for London Scholarships); *Sch. Wor.*, 1907, June, 225.

Education Committee, Resolution from Lancashire in regard to individual examination. *See also Sch. Gor. Chron.*, 1907, May 11: 424.

1911. Senior Scholarships (L.C.C.). *See also Sch.-mstrs.*, 1911, May 11: 96.

Southend-on-Sea, H.M. Inspector and Upper Standard Examinations. *See also Sch. Gor. Chron.*, 1911, Apr. 22: 351-353.

1912. Education Committee Meeting, Mar. 20, Report of Todmorden Educational Guild, Feb. 27, German Education during the last hundred years and its significance for England: the secondary school certificate (Sir Michael Sadler). *See also Sch. Gor. Chron.*, 1912, Mar. 23: 247-248.

Education Committee, August, Scholarships and Coaching. *See also Sch. Gor. Chron.*, 1912, Aug. 17: 128.

1915. Observations and Recommendations on Circular S49 (Pamphlet). *See also Educn*, 1915, June 25: 300-301.

1917. Internal Examinations in Public Elementary Schools (Pamphlet). *See also Sch. Wor.*, 1917, Apr., 130-132.

The Distribution and Relations of Educational Abilities: Report by the Education Officer submitting three Preliminary Memoranda by Cyril Burt . . . on the Distribution and Relation of Educational Abilities.

1926. Education Committee, Discussion on awarding a certain number of Junior County Scholarships to pupils recommended by their teachers who had been unsuccessful in the examination. *See C.C. Minutes*, 1926, Dec. 7: 751-752.

1923. Education Committee Meeting, Annual Report of Gloucestershire Education Committee, Secondary Education criticized: School Certificate Examination, its unfortunate influence upon at least half of the pupils. *See also Sch. Gor. Chron.*, 1923, Feb. 9: 91.

LONDON HEAD TEACHERS' ASSOCIATION, *see under* Conf. Educat. Assoc. 1922.

LONDON SCHOOL BOARD.

1901. London School Board Inspector's Report (*Inspection versus Examination*). See also *Sch.-mstr.*, 1901, Oct. 26: 689; Nov. 2: 733.

1902. Report of Sub-Committee on the Board Inspector's Report. See also *Sch.-mstr.*, 1902, Nov. 8: 729.

1903. Proceedings of London School Board (*Inspection v. Examination*). See also *Sch. mstr.*, 1903, Nov. 28: 1034, 1051; Dec. 12: 1144.

LONDON TEACHERS' ASSOCIATION, *see under* N.U.T.

LONDON UNIVERSITY OF, *see under* Assn Asst Mstrs, 1925, 1931; *Contemp. Rev.*, 1913; *Co. Sch. Rev.*, 1913; *Gen. Hist. Educn*: 1868, Pattison, Mark, 1922, Foster, Sir T. Gregory, 1926, Humberstone, T. L., 1930, Flexner, Abraham; *Journ. Educn.*, 1925; *Mod. Lang. Teach.*, 1913; Percy, Lord Eustace, 1932. The Year Book, etc.

LONDON UNIVERSITY COMMISSION, *see* Roy. Comm. Univ. Educn London.

LONDONDERRY, THE MARQUESS OF, *see under* *Sch.-mstr.*, 1902.

LOWE, L. A., *see under* Mod. Lang. Assn., 1929.

LOWE, ROBERT, *see under* Gen. Hist. Educn, 1868.

LOWELL, A. LAWRENCE, *see* Add. (p. 141).

LOWENFELD, MARGARET, *see under* Now Educn Fell., 1931, Brit. Comm. Educn Conf.

LUCAS, S. B., *see under* *Journ. Educn*, 1931.

LUMB, S. V., *see under* *Educn Outl.*, 1927.

LYNAM, C. C., *see under* B. of E., Special Reports, 1900; *Prep. Sch. Rev.*, 1906.

LYON, ARTHUR, *see under* *Journ. Educn*, 1931.

LYTTELTON, EDWARD, *see under* B. of E., Special Reports, 1900; *Quart. Rev.*, 1928.

MACAN, R. W., *see under* Conf. Educnl Assns, 1921.

MACAULAY, F. S., *see under* B. of E., Special Reports, 1912.

MACAULAY'S COMMISSION, *see under* Add. (p. 141), Lowell, etc.

MCCALL, WILLIAM A.

1922. How to Measure in Education, Chap. I, Place of Measurement in Education, Chap. II, Measurement in classifying Pupils, Chap. III, Measurement in Diagnosis, Chap. IV, Measurement in Teaching, Chap. V, Measurement in Evaluating Efficiency of Instruction, Chap. VI, Measurement in Vocational Guidance (Macmillan & Co.: London). See also *Nature*, 1922, Nov. 4.

MACCARTHY, E. F. M., *see under* Nat. Educn Assn., 1907.

- MACCONOCHIE, A. F., see under *Tech. Journ.*, 1923.
- MACDONALD, RAMSAY, see under Scotland : Cong. Sec. Educn, 1914.
- MACGILLIVRAY, DUNCAN, see under Scotland : B.A., 1912, Clarke, John, 1919, Problems, etc., Educnl Inst. Scot., 1921.
- MACGREGOR, J. G., see under *Nature*, 1900.
- MACKEY, A. H., see under Imp. Educn Conf., 1923.
- MACKEY, DEAN I. A. (McGill Univ.), see under Cong. Univ. Emp., 1926.
- MACKENZIE, A. H., see under Scotland : Bureau of Educn, India, 1921.
- MACKICHAN, D., see under *Ind. Educn*, 1904.
- MCLEAN, R. C., see under *Welsh Sec. Sch. Rev.*, 1928.
- MACNAMARA, T. J., see under N. Eng. Educn Conf., 1905.
- MACNICOL, N., see under *Ind. Educn*, 1906.
- MACPHERSON, WILLIAM, see under *Forum Educn*, 1923.
- MACRAE, L., see under *Ceylon*.
- MADELEY, H. M., see under *History*, 1929.
- MAGNUS, SIR PHILIP.
 1910. Educational Aims and Efforts 1880-1910, 40, Examinations.
 60, Reaction against Examinations—example of German Universities, 103, Technicological Examinations. (Longmans & Co.: London.)
 See also under *Educn*, 1918.
- MAGSON, EGBERT H., see under *Brit. Journ. Psych.* Monograph Supplements, 1926.
- MAHOMED, KARIM, see under *Ind. Educn*, 1909.
- MAIR, D. B., see under Conf. Educnl Assns, 1926 ; Mod. Lang. Assn, 1926.
- MAJID, B. A., see under *Ind. Educn*, 1919.
- MAKINS, SIR GEORGE.
 1919. Some Remarks on Medical Education : an Address delivered to the Medical Society of Manchester, Oct. 29 (those entrusted with . . . the education of the medical man are not justified in relegating the teaching of the preliminary subjects to the secondary schools. . . . This procedure corresponds in character with the feeling of the student that the acquisition of knowledge in these subjects is but a means to the end of placing an examination behind him). See *Brit. Med. Journ.*, 1919, Nov. 8 : 592.
- MALHERBE, E. G., see under South Africa. See also etc.
- MALLET, SIR CHARLES EDWARD, see under Gen. Hist. Educn., 1927.

MALTA, *see under* B. of E., Spec. Repts, 1901.

MANCHESTER AND SALFORD EDUCATION ASSOCIATION.

1912. Conference, Failure of our National Education System; the curse of examinations (Sir John Gorst). *See Sch. Gov. Chron.*, 1912, Feb. 3: 118.

MANCHESTER COUNTY BOROUGH EDUCATION COMMITTEE.

1921. Report on the Selection of Children for further full-time education in High Schools and District Central Schools.

MANDER, F., *see under* Assn Educn Cttes, 1930: N.U.T., 1927.

MANN, F. O., *see under* Egypt, *see also* etc.

MANNING, E. L., *see under* E. Mid. Educn Un., 1929.

MANSBRIDGE, ALBERT, *see under* Gen. Hist. Educn, 1923; N. of Eng. Educn Conf., 1908.

MAP TESTS, *see under* Conf. Educnl Assns, 1915.

MARKING OF EXAMINATION PAPERS, *see under* Add. (p. 141); A.M.A., 1931, 1932; Assn Asst Mstrs, 1932; Bailey, C. W., 1928; Boyd, William, 1924; *Brit. Journ. Educnl Psych.*, 1931; *Brit. Journ. Psych.*, 1926; India: Calcutta Univ. Comm., 1917-19; *Educn*, 1929, 1932; *Forum Educn*, 1925, 1926; G.M.C., 1904; *Ind. Math. Soc. Journ.*, 1922; *Journ. Educn*, 1932; *Sch.-mstr*, 1927; Stainer, W. J., 1929; Thomas, Terry, 1930; *T.E.S.*, 1930.

MARRIOTT, F. C., *see under* Tobago and Trinidad.

MARSDEN, R. E., *see under* *Educnl Res.*, 1921.

MARTEN, C. H. K., *see under* Hist. Assn, 1928, 1932.

MARTIN, W. A. P., *see under* China.

MARVIN, F. S., *see under* Gen. Hist. Educn, 1908, Arnold, Matthew.

MASON, CHARLOTTE, *see under* Conf. Educnl Assns, 1928.

MASON, M. I., *see under* Wales: *Welsh Co. Sch. Assn*, 1915.

MATHEMATICAL ASSOCIATION.*

1908. Conference between Mathematical Association and Fed. Association of London Non-Primary Teachers, Nov. 28. Teaching of Mathematics in connection with Science (valuable experience gained from conducting examinations). *See also Nature*, 1908, Dec. 3: 143-144.

1917. Annual Meeting, Jan. 5, Mathematics in Secondary Schools (W. J. Dobbs). *See Math. Gaz.*, 1917, Mar., 40-42.

1919. Report of Committee on Teaching Mathematics in Public and Secondary Schools. Summary of Recommendations. *See Math. Gaz.*, 1919, Dec., 394-407. (Examinations).

* Reports of Annual Meetings are published in the *Gazette* only.

MATHEMATICAL ASSOCIATION—Cont.

1922. Annual Meeting, January 12, That Pure and Applied Mathematics ought to be taught and developed *Pari Passu* in Boys' Secondary Schools (A. Dakin). See *Math. Gaz.*, 1922, Mar., 52, 53 (Examinations).

Public Schools Committee, Report on Mathematics in Entrance Scholarships to Public Schools. See *Math. Gaz.*, 1922, Oct., 178.

1926. Mathematics in Entrance Scholarship Examinations at Public Schools, Report of the Boys' Schools Committee.

Memorandum from the Girls' Schools' Committee of the Mathematical Association (it should be possible . . . to remove the strain experienced at present by far too many girls in efforts to reach the "credit" standard of the School Certificate Examination). See *Math. Gaz.*, 1926, Jan., 13-15.

1928. Annual Meeting, The Best Method of Examining School Mathematics, with special reference to the School Certificate Examination of the Oxford and Cambridge Schools Examination Board (A. W. Siddons). See *Math. Gaz.*, 1928, Mar., 65 *seqq.*

1929. Annual Meeting, Discussion *re* subjects for School Certificate Examination and Matriculation Examination. See *Math. Gaz.*, 1929, Mar., 332 *seqq.*

Report on the Teaching of Geometry in Schools, 3rd ed. (originally publ. in 1923), 56-59, Section IV. Question of an Agreed Sequence. Difficulties in Teaching and Examining. (G. Bell & Sons, Ltd.: London.)

1930. London Branch, Meeting, Mar. 22, Mathematics in the First School Certificate: a discussion. See *Math. Gaz.*, 1930, July, 145 *seqq.*

1931. General Teaching Committee, Report on Mathematics in Entrance Scholarship Examinations.

1932. Annual Meeting, Jan. 5, Discussion on Entrance Tests and Degrees (Report of the Association of University Teachers), Discussion on Calculus and Co-ordinate Geometry at the School Certificate Stage. See *Math. Gaz.*, 1932, May, 81 *seqq.*, 96 *seqq.*

Mathematical Gazette, The.

1925. March, The Reform of University Mathematics (H. B. Heywood), 323-4, The Influence of Examinations; The Reform of Examinations.

1926. May, 115-118, The Relative Abilities in Mathematics of Boys and Girls (Frank Sandon); July, 159, Impressions of an Examiner in Geometry; Dec., 236, Modern Examination Tendency (R. S. Williamson), 240, "Intelligence" and School Examinations (O. M. Stanton).

1932. Oct., 235, Initiative in High School Mathematics (The place for testing knowledge of book work, in the classroom) (P. N. Andersen).

MATHEMATICS, EXAMINATIONS IN, *see under* B. of E.: Sec. Sch. Exams Council., 1932, Spec. Repts. 1912, Vol. 27; B.A., 1901, 1914; *Educnl Res.*, 1921, 1926, 1929, 1932; Gen. Hist. Educn. 1889; Germany: Russell, James E.; *Ind. Educn.*, 1905; *Journ. Educn.*, 1921, 1924, 1930 (W. Parkinson), 1931; Math. Assn: *Math. Gaz.*; *Nature*, 1900, 1901, 1902, 1907; Scotland: Scott. Educn Dept., Off. Publ., Circulars 66, 376, M. 59.

MIDDLESBROUGH, COUNTY BOROUGH OF.

1904. Education Committee, Examination Notes: the Work of the Elementary School (J. S. Calvert) (Pamphlet, November 1904).

MIDDLESEX EDUCATION COMMITTEE.

1911. 7th Annual Report. The Examination Question. See also *Educn*, 1911, Jan. 6: 15.

MIERS, H. A., see under B.A., 1907, 1910.

MILES, GEORGE H., see under Child Study Soc., *Journ. Proc.*, 1921-1922; *Nat. Inst. Indus. Psych Journ.*, 1922.

MILLER, DOUGLAS G., see under N. of Eng. Educn Conf., 1929.

MILNE, WILLIAM P., see under A.M.A., 1915.

MODERN LANGUAGE ASSOCIATION.

1901. Annual General Meeting, Report, Matriculation Examination, Modern Languages and Matriculation. See also *Mod. Lang. Quart.*, 1901, 160, 180.

1909. Interim Report of the Sub-Committee on External School Examinations in Modern Foreign Languages. See also *Mod. Lang. Teach.*, 1909, Dec., 240-244.

1910. Interim Report of Sub-Committee, Discussion on External School Examination (Junior Stage) in Modern Foreign Languages. See also *Mod. Lang. Teach.*, 1910, Mar., 33 *seqq.*

General Committee, Report on External Examinations for Schools. See also *Mod. Lang. Teach.*, 1910, Dec., 221 *seqq.*

1911. Annual Meeting, Jan. 9, Report on External School Examinations, Discussion. See also *Mod. Lang. Teach.*, 1911, Feb., 20 *seqq.*

1926. Annual General Meeting, Debate on Oral Examinations (D. B. Mair). See also *Mod. Languages*, 1926, Feb., 114.

Report of Sub-Committee on Higher School Certificate Examinations (L. H. Allison). See also *Educn*, 1926, Jan. 15: 49; *Mod. Languages*, 1926, Feb., 112.

1927. Annual General Meeting, Discussion on Aims of the Teaching of Modern Languages in Schools in relation to University Requirements, First School Examination, etc. (F. M. Forrest, S. A. Richards); Final Report of Sub-Committee on Higher School Certificate Examinations. See also *Mod. Languages*, 1927, 113, 119 *seqq.*

1928. Council Meeting, March 24, Discussion of Memorandum of Headmistresses' Association on the First Schools' Examination. See also *Mod. Languages*, 1928, Apr., 144-147.

1929. Annual General Meeting, Jan. 3, Should a Pass in a Modern Language be considered essential for a School Certificate (L. A. Lowe, H. J. Chaytor). See also *Mod. Languages*, 1929, Feb., 105.

Council Meeting, Mar. 9, Liverpool, The Scope and Content of the Higher School Certificate Examination. Discussion (A. E. Twentymann, etc.). See also *Mod. Languages*, 1929, Apr., 150-152.

1930. Annual General Meeting, Jan., The Recent Board of Education Report on School Certificate French (Frederio Spencer, R. L. Ager, S. A. Richards (Discussion)). See also *Mod. Languages*, 1930, Feb., 104 *seqq.*

See also under Conf. Educn'l Assns, 1926, 1930.

Modern Language Quarterly, The.

1903. Aug., 101, The University of London School Leaving Certificate.

Modern Language Teaching.

1905. June 110, Oral Examinations (W. O. Brigstocke).

1907. Dec., 233 *seqq.*, Some Examiners and some London University Examinations (Major de Sansgène).

1911. May, 92, English Examiners examined (W. H. D. Rouse).

1912. June, 108, Examinations; Modern Language Papers (De V. Payen-Payne).

1913. Mar., 60, Examinations (London University, etc.).

1917. Feb., 16-17, The Ideal Examination: from the point of view of one French Teacher (J. Titterton); 158, The Function of Examinations (Report of Conference of Teachers of Russian) (Mr. Slephenko).

Modern Languages.

1920. Aug., 175-177, Cambridge Entrance Scholarships (L. H. G. Greenwood); Dec., 30, Cambridge Entrance Scholarships (H. Nicholson).

1924. Feb., 112-122, Direct Method (and the examinations) (A. J. P. Broodbank, L. H. Allison, W. E. M. Llewellyn).

1927. Apr., 137, Une Question de littérature au 'second school certificate examination' (F. Boillot).

1929. Feb., 80-90, An Enquiry into the Teaching of German in Secondary Schools: Report of Sub-Committee, German in Entrance Examinations; June, 181, French Tests in English and Canadian Schools (H. E. Ford, R. K. Hicks); Dec., 37-43, Une question de littérature au Higher School Certificate (F. Boillot).

1932. Oct., 4, Note on Dr. Brereton's article "Should Modern Studies be Broadened?" (in *T.E.S.*).

MODERN LANGUAGES, EXAMINATIONS IN, *see under* Assn Asst Mstrs, 1920; B. of E.: Sec. Sch. Exams Counc., 1932; Committee appointed by the Prime Minister, 1918; *Journ. Educn.*, 1924, 1929, 1930, 1931; *Mod. Lang. Assn*; *Mod. Lang. Teach.*; *Mod. Languages*; *Sch. Gov. Chron.*, 1912; *Sch. Wor.*, 1905; *T.E.S.*, 1932; and *under* respective Languages.

MONCRIEFF, ALAN, *see under Lancet*, 1927.

MONROE, PAUL, *see under* Conf. Exams, 1931.

MONROE, WALTER SCOTT.

1923. Measuring the Results of Teaching, 277, Making Examinations yield more accurate Measurements, 281, The Use of Standardised Tests (Riverside Text Books, Harrap & Co. Ltd.: London).

MONTESORI SOCIETY, *see under* T.E.S., 1921.

Monthly School Calendar, The.

1924. Nov., 25, The New Methods of Examining (Abstract of a Lecture by P. B. Ballard).

1925. May, 32-33, Examinations: a schoolmaster's view (J. E. Barton).

- MONTMORENCY, J. E. G. DE, *see under* Gen. Hist. Educn. 1902.
- MOOKERJEE, ASUTOSH, *see under* India : Cal. Univ. Comm.
- MOORE, A. V. C., *see under* Conf. Educnl Assns, 1928 ; *Par. Rev.*, 1929.
- MOORE, BENJAMIN, *see under* Ireland, Northern : B.A., 1908.
- MOORE, G. H., *see under* Sch. Gov. Chron., 1911.
- MOORE-BAYLEY, J., *see under* Law Journ., 1908.
- MOORHEAD, A. M., *see under* Educn Oult., 1931.
- MORGAN, ALEXANDER, *see under* Gen. Hist. Educn., 1927 ; Scotland : *Univ. Rev.*, 1906.
- MORGAN, RHYE, *see under* Scotland : Welsh County Sch. Assn, 1915.
- MORISON, SIR THEODORE, *see under* Cong. Univ. Emp., 1926.
- MORLEY GRAMMAR SCHOOL, *see under* West Rid. C.C., 1931.
- MORRIS, SIR HENRY.
 1913. Speech at Epsom College, July, 1913 (pernicious system . . . which encourages the learning of many subjects badly, due to multiplicity of examinations). *See Brit. Med. Journ.*, 1914. June 13 : 1320-1321 (School and Private Education).
See also under B. M. Journ., 1913.
- MORRIS, J. E., *see under* B.A., 1915.
- MORRISON, GEORGE A., *see under* Scott. Educnl Journ., 1921.
- MOSELEY EDUCATION COMMISSION TO THE UNITED STATES OF AMERICA. Oct.-Dec., 1903, Reports, 116, Universities and Colleges (Examinations) (Sir T. Gregory Foster), 144, Scholarships (W. C. Fletcher) (Publ. for the Proprietor by the Co-operative Printing Society : London, 1904).
- MOTILAL, SAKARLAL, *see under* Ind. Educn, 1911.
- MOLAT-JONES, B., *see under* Russia.
- MOWAT, GEORGE, *see under* Scott. Educnl Journ., 1927.
- MOWAT, R. B., *see under* History, 1925.
- MULLINGER, JAMES BASS, *see under* Gen. Hist. Educn., 1873-1911.
- MUNBY, FREDERICK J., *see under* Law Journ., 1913.
- MUNDELLA, A. J., *see under* Sch. Gov. Chron., 1907.
- MUNRO, A. G., *see under* Sat. Rev., 1901.
- MUNRO, M. S., *see under* Nat. Inst. Indus. Psych. Journ., 1930.
- MURRAY, J. WICKHAM, *see under* Assn T. in Tech. Inst., 1928 ; B.A., 1925 ; *Journ. Educn*, 1925, 1926.

MURRAY, S. M., *see under* Scotland : *Eng. Rev.*, 1912.

MUSIO, EXAMINATIONS IN, *see under* B. of E. : Sec. Sch. Exams Counc., 1932 ; *Journ. Educn*, 1930 ; Sadler, Sir Michael, 1905 (Liverpool) ; *T.E.S.*, 1914, 1928.

MYERS, SIR CHARLES S., *see under* B.A., 1910 ; Birm. Educn Cttee, 1932 ; *Nat. Inst. Indus. Psych. Journ.*, 1923.

NAIRN, J. A., *see under* *Journ. Educn*, 1924, 1930.

NAPIER, T. B., *see under* *T.E.S.*, 1913.

NATAL, *see under* South Africa.

NATHAN, SIR MATTHEW, *see under* Cong. Univ. Emp., 1926.

NATIONAL ASSOCIATION OF HEAD TEACHERS.

1927. Conference, Jan. 16, The Case for General Examinations (W. A. Brookington). *See also* *Sch. Gov. Chron.*, 1927, Jan. 15 : 42-45 ; *Sch.-mstr*, 1927, Jan. 20 : 96.

Whitsun Meeting, Views on External Examinations. *See also* *Sch.-mstr*, 1927, June 9 : 1160 ; *T.E.S.*, 1927, June 11, 275.

1932. Conference, May, Resolution re Scholarship Examinations (special preparation for scholarship examinations in post-primary schools deprecated). *See Hd Tchrs Rev.*, 1932, Oct., 261.

NATIONAL ASSOCIATION OF SCHOOLMASTERS.

1928. Ninth Annual Conference, Apr., 7-10, Presidential Address, Examinations (C. C. Carter). *See also* *Educn*, 1928, Apr. 13 : 406 ; *New Sch.-mstr*, 1928, Apr. 16 *seqq.* ; *Sch. Gov. Chron.*, 1928, Apr. 21 : 259 *seqq.*

NATIONAL CERTIFICATES, *see under* Assn T. in Tech. Inst. ; Assn Tech. Inst. ; *Educn*, 1932 ; *Tech. Journ.* ; *T.E.S.*

NATIONAL EDUCATION ASSOCIATION.

1903. Oct., Special Leaflet, No. 11, "My Neighbour's Landmark," 3, Schools or Scholarships.

1907. Conference on Education other than Elementary, Report 1, 2, Too Many Examinations ; the Faults of the Examination System (A. H. D. Acland, E. F. M. MacCarthy). *See also* *Sch. Gov. Chron.*, 1907, May 4 : 411.

NATIONAL FEDERATION OF CLASS TEACHERS.

1924. Annual Conference, September, Discussion on Individual Examinations. *See also* *Sch.-mstr*, 1924, Oct. 3 : 496.

1926. Annual Conference, Sept. 24-25, Examinations in Primary Schools. *See also* *Sch.-mstr*, 1926, Oct. 1 : 482 ; *T.E.S.*, 1926, Nov., 474-475.

NATIONAL FEDERATION OF HEAD TEACHERS.

1906. Annual Conference, Resolution in regard to Examinations ; Scholarships (Sir Michael Sadler). *See also* *Sch. Gov. Chron.*, 1906, Jan. 14 : 40 ; *Sch.-mstr*, 1906, Jan. 14 : 95.

NATIONAL INSTITUTE OF INDUSTRIAL PSYCHOLOGY, see under *Nat. Inst. Indus. Psych. Journ.*; *Hum. Fac.*

National Institute of Industrial Psychology, Journal.

1922. Jan., 15-17. International Conference on Vocational Guidance at Barcelona (Tests) (G. H. Miles), 23. Tests for Clerical Occupation (Cyril Burt). 28. Vocational Guidance in Foreign Countries (G. H. Miles); Apr., 79. Tests for Clerical Occupation (cont.) (Cyril Burt); July, 99. Selection Tests for Admission to the Berlin *Begabenschulen* (C. Piorkowski), 108. Vocational Guidance in Foreign Countries (contd.) (G. H. Miles); Oct., 152. Vocational Guidance in Foreign Countries (contd.) (G. H. Miles).
1923. Apr., 251. International Conference on Vocational Guidance at Milan (Sir Charles Myers); Oct., 333. The Use of Performance Tests and Mechanical Tests in Vocational Guidance (Frances Gaw).
1925. Oct., 346. Vocational Guidance and Selection (F. M. Earle).
1930. Jan., 25-28. Vocational Guidance in Schools (Tests). 39-42. Vocational Guidance and Selection in Belgium; July, 125-137. Selection Tests for Clerical Occupations* (M. S. Munro and Winifred Raphael).
1931. July, 376-384. From School to Work (Lord Eustace Percy).
See also *Hum. Fac.*

National Review, The.

1902. The Emancipation of the Teacher (Influence of External Examinations) (Sir Oliver Lodge). See *B. of E. Lib., Educn. Miscellanies*, Vol. 32, 1902, No. 9.
1906. Oct., 256 *seq.*, Open Scholarships (W. H. D. Rouse).

NATIONAL UNION OF COMMERCIAL TEACHERS. see under *Conf. Educat. Assns*, 1928.

NATIONAL UNION OF TEACHERS.

1901. 31st Annual Report, lxiv, resolution in regard to individual examinations.

Executive Committee Meeting, March 2. Leaving Certificates. Discussion. See *Sch.-mstr*, 1901, Mar. 9: 395.

1903. 33rd Annual Report, 34th Annual Conference, lxvii. Examination *versus* Inspection. Paper read by R. Wild, lxxix, resolution protesting against annual examination system. See also *Sch.-mstr*, 1903, Nov. 14: 915.

1904. 34th Annual Report, 35th Annual Conference. Presidential Address, xli. Inspection c. Examination, xlii-xliii, Annual Report of Executive to Conference, Inspection r. Examination, lxxviii-lxxix. Scholarships, lxxx. Examination of Scholars. See also *Educn*, 1904, Apr. 14. Supplement; *Sch. Gov. Chron.*, 1904, Apr. 9: 356.

Executive Committee Meeting, March. Fifteenth Report of Education Committee: a Great Scholarship Scheme. See *Sch.-mstr*, 1904, Mar. 12: 596-597.

Executive Committee, General Meeting, June. Memorandum on the Code, Art. 22. See *Sch.-mstr*, 1904, June 11: 1279.

Letter to School Board giving reasons against reintroduction of individual examination. See *Sch. Gov. Chron.*, 1904, Jan. 23: 79.

NATIONAL UNION OF TEACHERS—*Cont.*

1905. 35th Annual Report, 36th Annual Conference, xlv, Education Committee Report, Conference with I.A.A.M., resolution in regard to Scholarships and mode of award, lxxi-lxxii, resolution in regard to examination of scholars, evi, Training of Teachers and examination of Training College Students (letter to Board of Education, Feb. 14, 1905).
1906. 36th Annual Report, 37th Annual Conference, xl, Education Committee Report, Annual Examinations (danger in use of), lxvi, examination of scholars, resolutions of Conference *re* standard for scholarship and certificate examinations.
1907. 37th Annual Report, 38th Annual Conference, xlv, Education Committee Report (individual examination system combatted), lxx, resolution of Conference *re* Certificate Examinations and Training of Teachers, Examination of Scholars.
- Handbook of Education, *see under* Gray, Sir Ernest and J. H. Yoxall.
1909. 39th Annual Report, 40th Annual Conference, Morecambe, Apr. 14, lxxxi, resolution *re* examination of scholars, lxxxvi, Leaving Examinations and Scholarship Competitions (A. R. Pickles). *See also Journ. Educn.* 1909, May, 328; *Sch. Wor.*, 1909, May, 176-177 (Issued as Pamphlet).
1910. 40th Annual Report, 41st Annual Conference, lxi, Secondary Schools Committee, Transfer of Scholars from Elementary to Secondary Schools.
1911. 41st Annual Report, 42nd Annual Conference, lxxxi, resolution *re* examination in religious knowledge.
1912. 42nd Annual Report, 43rd Annual Conference, xlv, Education Committee Report, Resolution on Science Examinations (Circular 776), xlv, Circular 786, Examinations in Art and Certificates for Teachers of Art, xc, resolution *re* examination of scholars by periodical examinations conducted by head teachers in their own schools, system of examination and inspection.
- Executive Committee Meeting, March, Secondary School Certificate. *See Sch.-mstr.* 1912, Mar. 9: 452-453.
- Memorandum on Diocesan Examinations.
1913. Annual Conference, Weston-super-Mare, March 25, Paper on Inspection *v.* Examination (Frank Taylor) (Issued as pamphlet).
1914. 44th Annual Report, 45th Annual Conference, xci, resolution on examination system, xcii, resolution on examinations in religious knowledge.
1915. 45th Annual Report, 46th Annual Conference, lxi, Proposals of the Board of Education for Examinations in Secondary Schools (Circular 849).
1917. 47th Annual Report, 48th Annual Conference, lxv, Secondary School Committee, Examinations in Secondary Schools (Circular 933).
1918. 48th Annual Report, 49th Annual Conference, lxiv, Secondary School Committee Report, Examinations in Secondary Schools.
1919. 49th Annual Report, 50th Annual Conference, xxxviii, Report of Executive, The Acting Teachers' Examination.

NATIONAL UNION OF TEACHERS—*Cont.*

1920. 50th Annual Report, 51st Annual Conference, Education Committee, xxxvii, Memorandum on Promotion of Children from Primary to Secondary Schools, Evidence submitted to Departmental Committee.
1921. 51st Annual Report, 52nd Annual Conference, xxxix, Differentiation of Curriculum in Secondary Schools for Boys and Girls respectively, recommendations to Consultative Committee.
1922. 52nd Annual Report, 53rd Annual Conference, lxxxviii, lxxxix, resolutions, examination of children, compulsory individual examination for scholarships.
1924. 54th Annual Report, 55th Annual Conference, Education Committee, xliii, Examinations.
1925. 55th Annual Report, 56th Annual Conference, xlv, Primary Schools Section, Promotions and General Efficiency, xcii, resolution of Conference *re* Individual Examination.
1926. 56th Annual Report, 57th Annual Conference, xci-xcii, resolution in regard to individual examination.
1927. 57th Annual Report, 58th Annual Conference, xxv, Presidential Address (F. Mander), Danger of Mass Examinations, xliii, Education Committee Report, Examinations, Scholarship Tests, xlv; Higher Education Section, the interference of the First School Examination with the general methods of teaching, lxxxiii, resolution of Conference on Examinations.

London Teachers' Association. Meeting, January, Discussion of Leicestershire Scheme for External Examinations (Primary Schools). *See also T.E.S.*, 1927, Jan. 15: 34.

1928. 58th Annual Report, 59th Annual Conference, Education Committee Report, xlv-xlv, Training and Certification of Teachers, Training of Rural Teachers, xlv-xlvii, Examinations in Primary Schools (Union's Memorandum on Promotion of Children from Primary Schools to Schools of a Higher Type, xlviii, Higher Education Section, Inquiry into Effect of First School Certificate Examination on Curricula.

Joint Inquiry of Association of Education Committees and N.U.T. on Examinations in Primary Schools. *See under Assn Educn Cttees*, 1928, 1930.

1929. 59th Annual Report, 60th Annual Conference, xlix, Education Committee, Enquiry into effect of the General Schools Examination on Curricula, letter to Secondary Schools Examination Council, resolutions, etc.

Report of Enquiry of Joint Advisory Committee of Association of Education Committees and N.U.T. *See under Assn Educn Cttees*, 1930. *See also Educn Outl.*, 1931, Jan., 5.

1931. 61st Annual Report, 62nd Annual Conference, xcvi, Conference resolution in regard to external examinations.

Annual Conference, Great Yarmouth, Discussion on motion for discontinuing the Examination Board; The Limits of Specialisation in Secondary Schools and Universities, Matriculation and School Certificate Examinations (Higher Education Meeting, H. A. S. Wortley) (Issued as Pamphlet). *See also Sch.-metr*, 1931, April 16: 729.

Report of the Higher Education Work of the Union in 1931. *See Higher Education Bulletin* (N.U.T., Form Ed. 38, 1931, H.E. (18),

NATIONAL UNION OF TEACHERS—*Cont.*

2 (recommendations in regard to Matriculation and First School Certificate Examinations), 3 (resolutions in regard to Civil Service Examinations and Second School Examination), 4 (Examinations for Part-Time Students).

1932. 62nd Annual Report, 63rd Annual Conference, liii-liv, Education Committee Report, Higher Education Section, Report on initial degrees of Universities adopted by the Council of the Association of University Teachers (resolutions), Higher School Certificate Examination, Civil Service Examinations.

Advisory Committee on Higher Education, Report on School Examinations; Council's Report on the School Certificate Examination. See also *Schmstr*, 1932, Dec. 8: 832, Dec. 15: 887.

See also under Conf. Educnl Assns, 1927; Gen. Hist. Educn, 1907.

NATIONAL UNION OF WOMEN TEACHERS.

1929. Conference, May 4, Discussion on Examinations. See *Sch. Gov. Chron.*, 1929, May 11: 304; *Wom. Tchr.*, 1929, May 10: 199 (P. B. Ballard).

Back to the Hadow Report, Chap. V, The Methods of Selection for Post Primary Schools, Chap. VII, External Examinations for Senior Schools.

1930. Conference, Jan. 3, Discussion on the Examination Problem. See *Wom. Tchr.*, 1930, Jan. 24: 110.

NATURAL SCIENCE, EXAMINATIONS IN, see under Committees appointed by the Prime Minister, 1918; Conf. H.-mstrs, 1928; Gen. Hist. Educn, 1873, Roy. Comm. Sci. Instruc.

Nature.

1900. Jan. 18: 274-275, School Science and Knowledge-making Power (Letter commenting on J. G. Macgregor's Address at Dalhousie College, Nova Scotia, reported in *Nature*, 1899, Dec. 14: 159 *seqq.*, deploring influence of written examinations) (G. H. Wyatt); Aug. 2: 317-319, The Teaching of Mathematics (the Authorities of the Science and Art Department recognise that the apprentices and others attending evening courses may possibly benefit by a course of study very different from what is necessary if students are being prepared for University and other examinations) (John Perry); Aug. 23: 389; Sept. 6: 436, Sept. 13: 466, Sept. 27: 523; Oct. 4: 548, Reform of Mathematical Teaching (Correspondence).

1901. Feb. 14: 370-371, Mathematics and Physics in Public Schools (the hands of mathematical teachers in these schools are tied by the conditions of the university examinations) (G. H. J. Hurst); Aug. 15: 391, The Functions of a University (the examination should play only a secondary part in the work of the University) (Sir W. Ramsay).

1902. Apr. 17: 558, Reform in Mathematical Teaching (Key to the whole position in examination system) (C. S. Jackson, Frank L. Ward, W. C. Fletcher); Sept. 11: 459, Science in the Public Schools (insignificant place which science still holds as evidence by results of examination) (A. Irving).

1904. May 19: 63 *seqq.*, The Education of Examiners (E. B. Sargent).

Nature.—Cont.

1907. Jan. 10 : 260-261, Science in Examinations for the Higher Civil Service, Jan. 17 : 273, Mathematical Tripos at Cambridge (much depends upon the spirit in which the examiner acts), 275, Science in Higher Education.
1908. Feb. 6 : 322-324, Examination v. Research (Oxford).
1911. Sept. 14 : 348, Examinations (W. P. Dreaper).
1919. Jan. 16 : 388-389, The Preliminary Education of Medical Students (the Essence of the new scheme is that it is based on education and not on examination only).
1920. July 1 : 561, Education in the New Era (co-operation rather than preparation for interminable examinations) (a comment on F. W. Sanderson's speech at Oundle School (Frederick Soddy)); Sept. 9 : 47-48, The Organisation of University Education (regional matriculation examinations suggested) (Frank H. Perry-coste); Sept. 23 : 129, University Problem in London (Notice of H. E. Armstrong's speech at the Old Students' Association at the Royal College of Science) (throughout fifty years' experience of the London University System, the talk has ever been of examinations, never of learning); Oct. 7 : 179, The Examination System.
1923. June 16 : 833-834, University and Secondary Education.
1930. Mar. 1 : 341-343, School Science and Educational Values (H. E. Armstrong's condemnation of Examination System in Address to the West Kent Scientific Society.)

NAVY, EXAMINATIONS FOR, *see under* Assn Prep. Sch., 1906 ; Hughes, R. E., 1902 ; *Journ. Educn*, 1928.

NEEDLEWORK, *see under* Assn Educn Cttees, 1932.

Nelsonian, The.

1930. Sept., 19-23, The Examiner Reports (I. On English, II. On History, III. On French) (It seems inevitable under the present system of examinations, that certain candidates should be unfairly handicapped).
1932. Jan., 10-11, On Teaching History despite the Time-Table (limitation set by consideration of School Certificate) (Désirée Edwards-Rees).

NELTHORPE, E. H., *see under* Sch. Sci. Rev., 1926.

New Age, The.

1917. Aug. 16 : 345-346, The Examination System (A. H. Hannay).
1926. May 20 : 21-22, Our Secondary Education ('Their aim is that each child shall pass the school-leaving examination . . . barely 50% of secondary school children ever sit for it . . . what has happened throughout the school course to that 50% who have been prepared for an examination which they will never even attempt, etc.) (M. Michael Lewis).

NEW EDUCATION FELLOWSHIP.

1929. Annual Meeting, Jan. 5, Examinations: an Address (Sir Michael Sadler). *See also* A.M.A., 1929, Feb., 55; *The New Era*, 1929, Jan., 9-19; *Sch.-mstr.*, 1929, Jan. 10 : 90; *Sch. Guar.*, 1929, Jan. 19 : 57 *seqq*; *T.E.S.*, 1930, Jan. 12 : 18; *Tech. Journ.*, 1929, Feb., 25.

NEW EDUCATION FELLOWSHIP—*Cont.*

1930. Towards a New Education: a Record and Synthesis of the Discussions on the New Psychology and the Curriculum at the Fifth World Conference of the New Education Fellowship held at Elsinoro, Denmark, in August, 1929, Chap. VIII, Examinations and Tests. (Alfred A. Knopf: London). See also *Educn*, 1929, Sept. 6: 208; *Nature*, 1929, Sept. 7: 393; *New Era*, 1929, Oct., 216-217; *Sch. Gov. Chron.*, 1929, Nov., 136; *Sch. Guar.*, 1929, Sept. 21: 253 *seqq.*

1931. Examinations Enquiry Committee, English Section, Interim Report, The First School Examination in Secondary Schools.

English Section Meeting, Relation of First School Examination to Matriculation (Discussion). See *T.E.S.*, 1931, Jan. 10: 16.

British Commonwealth Education Conference held in London, July 1931, Report (New Education Fellowship: London), 167, Examinations and Tests (Cyril Burt, B. C. Wallis, Margaret Lowenfeld), 74, 101, 103, 126, 143, 165, 175, 190, 203, 204, 211, 213, 248. Examinations as a test of culture, efficiency, etc., 165, 168, 171, 173, Need for research into Examination Question. See also *Educn*, 1931, Aug. 14: 152.

See also under Conf. Educonl Assns, 1931; *New Era*.

New Era, The.

1925. Jan., 1-6, Examinations or — ?; Should the present examination system be abolished? . . . Can Intelligence Tests replace examinations?, 7-8, Examinations examined (by an Examiner), 9-12, Measurement in Education (Chas. H. W. G. Anderson), 12-15, The Use of Intelligence Tests in School Examinations (Geraldine Coster); 18-20, Intelligence Tests and Examinations (J. H. Badley); The Practice of Tests in the New Schools (Adolphe Ferrière), 26-7, External School Examinations (T. Doan), 29-31, Medical Opinion on the Evils of Cramming for Examinations.

1928. Jan., 2-4, Examinations; tendency to make examination results the focal point of all education.

1931. Jan., 15-16, Our Examination System (Susan Platt).

New Ideals Quarterly, The.

1931. July, 43, The Examination System (Sir Michael Sadler).

New Schoolmaster, The.

1927. Nov., General External Examinations; Dec., 6-8, Against General External Examinations (D. W. Pugh).

NEW SOUTH WALES, *see under* Australia.

NEW ZEALAND.

Journal of Education.

1904. Feb., 124 *seqq.*, Scholarship Examinations in New Zealand.

New Zealand Education Department.

1909. Proposed Imperial Scholarship Scheme. Copy of Correspondence . . . between Mr. P. A. Vailo . . . and the Rt. Hon. the Prime Minister relative thereto. (Wellington.)

NEW ZEALAND—*Cont.*

New Zealand Legislature.

1925. Debate in the House on facilities for New Zealand students to sit in New Zealand for London University Examinations, Aug. 19, 1925 (New Zealand Debates, No. 15, 1925). (Wellington.)

1928. Education Act, 1914. Examinations in Technology (Extract from the *New Zealand Gazette*, No. 91, Dec. 6, 1928). (Wellington.)

Universities Review, The.

1932. Apr., 123-125, New Zealand Letter, Evolution of the Degree examination system of the University of New Zealand.

See also Percy, Lord Eustace, 1932, Yr Bk, 600 *seqq.* (T. B. Strong); and under A.M.A., 1929; Fed. Conf. Educn, 1907; Gen. Hist. Educn, 1924, Chambers's Encycl.

NEWCASTLE COMMISSION, see Gen. Hist. Educn, 1861, Commission appointed to enquire into the state of Popular Education in England.

NEWCASTLE-UPON-TYNE ASSOCIATION OF SCHOOLMASTERS.

1926, Examinations in Elementary Schools (Pamphlet).

NEWCASTLE-UPON-TYNE EDUCATION COMMITTEE, see under Sadler, Sir Michael, 1905.

NEWCOMB, E. I., see under *Educn Times*, 1922.

NEWFOUNDLAND, see Percy, Lord Eustace, Yr Bk, etc., 1932, 729 *seqq.* (V. P. Burke).

NEWMAN, M. L., see under *Journ. Educn*, 1931.

NEWMAN, SIR GEORGE.

1918. Some Notes on Medical Education in England: A Memorandum addressed to the President of the Board of Education (evils of examination system) (H.M. Sta. Office: London). See also *Brit. Med. Journ.*, 1918, Aug. 3: 113-115 (Note by Sir Clifford Allbutt), 117, Note; Sep. 7: 258-259, The Overloaded Curriculum and the Incubus of the Examination System (Ernest H. Starling); Sep. 14: 300 (Hugh C. H. Candy).

1923. Recent Advances in Medical Education in England: A Memorandum addressed to the Minister of Health (load of examinations should be lightened) (H.M. Sta. Office: London). See also *Brit. Med. Journ.*, 1923, Apr. 28: 729 *seqq.*; May 5: 771 *seqq.*, May 12: 821-822.

See also under *Brit. Med. Assn*, 1920.

NEWTON, ARTHUR PERCIVAL.

1924. The Universities and Educational Systems of the British Empire, Chap. III. The Tyranny of Examinations and the Rise of the Science Colleges, 1858-1900. (W. Collins, Sons, & Co.: London.)

NEWTON, A. W.

1919. The English Elementary School, 21, Payment by results, 167, the grading of schools, selection must depend upon examination results. (Longmans, Green & Co.: London.)

NICHOLLS, W. A., *see under* Royal Commission on Civil Service, 1912.

NICHOLSON, D. B., *see under* Scotland : *Educnl News*, 1916.

NICHOLSON, H., *see under* *Mod. Languages*, 1920.

Nineteenth Century, The.

1914. Apr., 906 *seqq.*, Thoughts on Scholarships (Marcus Hartog).

1928. Oct., 434, Unemployment and Examinations (C. H. P. Mayo).

1929. May, 680 *seqq.*, The First Examination (Terry Thomas).

1930. Jan., 8, An Educational Survey. I. The Need for Inquiry (Harold Hodge), Examinations a great evil at Oxford.

NORFOLK HIGHER EDUCATION COMMITTEE.

1932. Memorandum dealing with changes in the regulations for the award of Scholarships and free places. *See also* *Sch. Guar.*, 1932, May 21 : 146.

NORMAN, H. C., *see under* Conf. Educnl Assns, 1915.

NORTH, BARKER, *see under* Assn T. in Tech. Inst., 1911.

NORTH OF ENGLAND EDUCATION CONFERENCE.

1905. 3rd Annual Meeting, Jan., Scholarships with Special Reference to the Co-ordination of Education (S. A. Burstall); Scholarships: The Pressing Need, etc. (T. J. Macnamara). *See also* *Sch. Gov. Chron.*, 1905, Jan. 14 : 39, 61 *seqq.* (G. W. Alexander).

1907. 5th Annual Meeting, Jan., The Use and Abuse of Public Examinations (S. A. Burstall, J. E. Barton). *See also* *Sch. Gov. Chron.*, 1907, Jan. 12 : 50 *seqq.*

1908. 6th Annual Meeting, Jan., The Functions of a Modern University, Examinations (W. M. Hicks, D. Forsyth, A. Mansbridge). *See also* *Sch. Gov. Chron.*, 1908, Jan. 11 : 39 *seqq.*

1912. 10th Annual Meeting, Jan., A Shorter Curriculum and Fewer Examinations in Secondary Schools (S. A. Burstall). *See also* *Sch. Gov. Chron.*, 1912, Jan. 13 : 39-40.

Awarding of Scholarships (T. A. Lawrenson, C. Williams). *See also* *Educn*, 1912, Feb. 2 : 63-64 ; *Sch. Wor.*, 1912, Feb., 61-62 (P. E. Matheson).

1913. 11th Annual Meeting, Jan., Selection v. Examination (Association of Directors and Secretaries of Education). *See also* *Sch. Gov. Chron.*, 1913, Jan. 18 : 81.

1920. 13th Annual Meeting, A Common Entrance to the Universities and Professions by the System of the School Certificate Examination (Cyril Norwood); School Certificate Examinations (A. M. Stoneman). *See also* *Sch. mstr*, 1920, Jan. 17 : 102 ; *Sch. Gov. Chron.*, 1920, Jan. 17 : 42-45.

1921. 14th Annual Meeting, Jan., National Standards for Examinations desirable (Eclair Heath). *See also* *Educn*, 1921, Jan. 14 : 65.

1926. Annual Meeting, Jan. 7, The Output of the Schools with special reference to co-operation between (a) Schools and Industry and (b) Schools and University (Cyril Norwood); Alternatives to School Certificate (Leslie Owen). *See also* *Educn*, 1926, Jan. 15 : 48, 66-68.

NORTH OF ENGLAND EDUCATION CONFERENCE—Cont.

1920. Annual Meeting, Jan. 3. Examinations for Technical, Commercial and Evening School Students (J. C. Smail); Free Place Examinations (Frank Smith); The Group System in Secondary School Examinations (D. G. Miller). See also *Sch.-mstr.*, 1929, Jan. 10: 87; *Sch. Gov. Chron.*, 1929, Jan. 12: 30-31 (D. G. Miller), Jan. 26: 59-60, Feb. 2: 76 (Frank Smith); *Sch. Guar.*, 1929, Feb. 16: 80 (Frank Smith); *Educn.*, 1929, Jan. 11: 37-38, 39-40, 44-45.

1931. 24th Annual Conference, Jan., Examinations in Primary and Post-primary Schools, Discussion on External Examinations, etc. See also *A.M.A.*, 1931, Feb., 62; *Educn.*, 1931, Jan. 16: 60; *Journ. Educn.*, 1931, Feb., 131-132; *Scott. Educat. Journ.*, 1931, Jan. 16: 64.

1932. 25th Annual Conference, Jan. 6, 7, 8, Reorganisation of Elementary Schools, 14, Examinations* (A. H. Whipple), 16, Reorganisation of Secondary Education, 16-18, (1) Does Secondary Education need Reorganisation (age of admission, Curriculum and Examinations) (G. J. R. Potter), 25, (2) The Problem of the Small Secondary School (Examination results prove academic inefficiency) (Lucretia Mickleburgh). See also *Educn.*, 1932, Jan. 15: 86; *T.E.S.*, 1932, Dec. 31: 483.

NORTHCOTE, SIR STAFFORD, see under Gen. Hist. Educn., 1854.

NORTHERN UNIVERSITIES JOINT MATRICULATION BOARD, see under Assn Asst Mstrs., 1931; *Journ. Educn.*, 1925; Smith, H. Bompas, 1927.

NORTHUMBERLAND MENTAL TESTS, see under *Brit. Journ. Psych.*, 1921.

NORWAY.

See *School*, 1905, Jan., 15-16; and under B. of E., Spec. Repts, 1907; *Lancet*, 1911 (Medical Examinations); *Sch.-mstr.*, 1929.

NORWOOD, CYRIL.

1929. The English Tradition of Education, Chap. XIII. The Danger from Mechanization, 195 *seqq.*, Examinations. (John Murray: London.)

See also under Assn Asst Mstrs. 1932; B.A., 1928; Conf. H.-mstrs., 1932; Cong. Univ. Emp., 1921; *Journ. Educn.*, 1923, 1925; N. of Eng. Educn Conf., 1920, 1926; Sci. Mstrs Assn, 1931.

NOTCUTT, H. C. (Stellenbosch), see under Cong. Univ. Emp., 1926.

NOTTINGHAM EDUCATION SOCIETY.

1924. Meeting in Albert Hall. What's wrong with Intelligence Tests? (F. H. Hayward). See also *Sch. Guar.*, 1924, Apr. 19: 122.

NOVA SCOTIA, see under Fed. Conf. Educn., 1907.

NUNN, SIR T. PERCY.

1920. Education: its Data and First Principles, 251, "Interests of a boy or a girl are rarely so erratic as not to offer the basis of a synthesis of studies that will perform all the essential functions of an education," 251 (n 2) "The existence of public examinations

NUNN, SIR T. PERCY—*Cont.*

... may be held to be a fatal difficulty in the way of accepting these views ... the remedy is to go boldly forward with the reform of examinations." (First published in 1920). (2nd rev. Ed., 1930, Edward Arnold & Co.: London.)

See also under B.A., 1911, 1928, 1931; Brit. Psych. Soc., 1919; Conf. Exams, 1931; Percy, Lord Eustace, 1932, Yr Bk; Valentine, C. W., 1932.

OAKDEN, ELLEN C., see under *Educn Oul.*, 1928.

OAKDEN, ELLEN C., and MARY STURT.

1928. Matter and Method in Education, 204 *seqq.*, Examinations. (Kegan Paul & Co.: London.)

OATES, DAVID W., see under Brit. Psychol. Soc., 1924; *Educnl Res.*, 1930; Edwards, W.; *Forum Educn*, 1928; *Journ. Educn*, 1929; *Welsh Sec. Sch. Rev.*, 1927.

OLIVE, G. W., see under B.A., 1931.

OMAN, SIR CHARLES W. C., see under Gen. Hist. Educn, 1927, Mallet, Sir C. E.

ONTARIO, see under *Sch.-metr.*, 1929.

ORAL EXAMINATIONS, see under Conf. Educnl Assns, 1926; Gen. Hist. Educn, 1902, Dixon; *Lancet*, 1908; Law Soc., 1905; Leices. C.C., 1926; Mod. Lang. Assoc, 1926; *Mod. Lang. Teach.*, 1905; Findlay, J. J., 1925; *Sch. Wor.*, 1905; Scotland: *Educnl News*, 1911; *T.E.S.*, 1918, 1929.

OSBORNE, E. J. P., see under *Educn*, 1925.

OSLER, SIR WILLIAM, see under *B.M. Journ.*, 1913; *Lancet*, 1913, 1918.

OVER-PRESSURE CAUSED BY EXAMINATIONS, see under Assn Asst Mstrs, 1923; Assn Asst Mstrsses, 1932; *Educnl News*, 1904; Gen. Hist. Educn, 1908, Arnold; *Journ. Educn*, 1924; Scotland: Scott. Educn Dept., Off. Publ., Circ. 74; Wales: Carnarv. Educn Cttee.

OWEN, LESLIE, see under N. of Eng. Educn Conf., 1926.

OWEN, OWEN, see under Scotland: N. of Eng. Educn Conf., 1905.

OWEN, R. E., see under Wales: Welsh County Sch. Assn, 1929.

OXFORD UNIVERSITY.

Oxford and Cambridge Joint Board, Oxford Delegacy for Local Examinations, etc., see under A.M.A., 1927; Assn Asst Mstrs, 1931; Assn Asst Mstrsses, 1910; Conf. H.-mstrs, 1900, 1903, 1908, 1917; Gen. Hist. Educn, 1858, 1868, 1874, 1876, 1877-81, 1895, 1912; Indept Sch. Assn, 1908; Math. Assn, 1928; *Sch. Wor.*, 1908; *T.E.S.*, 1921.

OXFORD UNIVERSITY—*Cont.*

See also under Conf. H.-ms. 1902, 1909, 1910; Gen. Hist. Educn: 1923, Mansbridge, A., 1927, Mallet, Sir C. E., 1932, Percy, Lord Eustace, Yr Bk., Pt. I; Journ. Educn, 1925; Nature, 1908; Ninet. Cent., 1930.

OXFORD UNIVERSITY COMMISSIONS, *see under* Gen. Hist. Educn, 1874, 1877-81; Royal Commissions.

PAGE, JOHN, *see under* *Sat. Rev.*, 1931.

PACKER, E. S., *see under* France: *Par. Rev.* 1904.

PAGE, W. M., *see under* Percy, Lord Eustace, 1932, Yr. Bk.

PAKENHAM, W., *see under* Canada, *see also* etc.

PALESTINE, *see* Percy, Lord Eustace, Yr Bk, 1932, 802 (H. E. Bowman).

PARENTS' ASSOCIATION.

1922. Memorandum on the Educational Demerits of the Common Entrance Examination. *See T.E.S.*, 1922, May 27: 246.

General Meeting, Dec. 19, Reform of the Common Entrance Examination, Resolution. *See also T.E.S.*, 1922, Dec. 23: 560.

Letter on Influence of Public School Scholarships Examination on Preparatory School Education. *See T.E.S.*, 1922, Apr. 15: 177.

1924. Meeting, November, Discussion on Common Examination for Entrance to Public Schools (Seymour Bryant, etc.). *See also Month. Sch. Cal.*, 1924, Dec., 26; *T.E.S.*, 1924, Nov. 15: 460.

1928. Meeting, December. Discussion on Examinations. *See also T.E.S.*, 1928, Dec. 22: 555.

1929. Annual Gen. Meeting, June, Public Schools (Method of Entry) (Paper read by Norman Whatley). *See also T.E.S.*, 1929, June 29: 298.

1930. Meeting, March, Examinations in Public Schools: Dangers of Failure (C. L. Bryant). *See also T.E.S.*, 1930, Mar. 8: 106; Mar. 15: 119 (Nowell Smith).

PARENTS' NATIONAL EDUCATIONAL UNION, INCORPORATED.

1906. 10th Annual Conference, Education in Sweden: Secondary School Examinations (Mrs. Edward Stuart Wortley). *See also Par. Rev.*, 1907, Jan., 46.

1907. 11th Annual Conference, The Scope of the P.N.E.U. in Secondary Education, Public Competitive Examinations, Selection Boards, Evils of Examination (B. R. Ward). *See also Par. Rev.*, 1907, Nov., 432, 434, 446.

1931. Reply to criticism that P.N.E.U. disapproves of public examinations, *see T.E.S.*, 1931, Apr. 4: 126.

1932. Parents' Union School Work, particularly as used in a Boys' Preparatory School: a lecture given to the London Branch of the P.N.E.U. (A. V. C. Moore). *See Par. Rev.*, 1932, June, 375.

See also under *Par. Rev.*

Parents' Review, The.

1902. June, 401 *seqq.*, Competitive Examinations (B. R. Ward).
 1905. May, 353, On the Present System of Examinations for Scholarships in Schools (C. Agnes Rooper).
 1906. July, 514-6, Terminal Examinations. Discussion at Conference of Education, Ambleside.
 1907. Feb., 85, Of Education as an Instrument for deadening the Human Intellect (Dean of Durham) (Education ruined by examination); Nov., 836-8, Parents and the Examination System (Kenneth Richmond).
 1912. May, 359 *seqq.*, Examinations and Examiners (A. B. Bater).
 1928. July, 441. Examinations and the P.N.E.U.: Miss Mason's Method of Education in a Boys' Preparatory School (A. V. C. Moore).
 1929. June, 377, Examinations (A. V. C. Moore).
 1930. Apr., 255 *seqq.*, The First School Examination: Teachers' Views on subjects and syllabuses (C. W. Bailey); June, 379 *seqq.*, School Certificate History: Its aims and its achievements (E. H. Dance).
 1931. May, 336-341, The P.N.E.U. and Public Examinations (H. Costley-White); May, 341-2, The Parents' Union School and the Cambridge School Certificate; Nov., 726, Examinations under Criticism (R. M. Carey).

PARKER, G. R., *see under* Conf. Educnl Assns, 1928; *Journ. Educn*, 1930.

PARKINSON, C. A. A., *see under* *Hum. Fac.*, 1932.

PARKINSON, W., *see under* Mathematics, Examinations in.

PARSONS, F. G., *see under* *Lancet*, 1901.

PART-TIME STUDENTS, EXAMINATIONS FOR, *see under* Assn Educn Cttees, 1930; Assn Municip Corp., 1928; B. of E., Reports Various, 1928; *Educn*, 1927, 1929; N.U.T., 1931; Percy, Lord Eustace, 1932, Yr Bk; *Sch. Gov. Chron.*, 1928; Scotland: Scott. Educn Dept, Off. Publ., Cttee, etc., 1928; *T.E.S.*, 1927, 1929, 1930; *Tech. Journ.*, 1923.

PASSFIELD, BARON, *see* Webb, Sidney James.

PATERSON, A. C., *See under* *Journ. Educn*, 1925.

PATHOLOGY, EXAMINATIONS IN, *see under* B.M.A., 1920.

PATON, J. LEWIS, *see under* B. of E., Cons. Cttee, 1904; Conf. Educnl Assns, 1921; *School*, 1904; *Sch. Wor.*, 1903, 1910.

PATTISON, MARK, *see under* Gen. Hist. Educn, 1868.

PAULSEN, FRIEDRICH, *see under* Germany.

PAYEN-PAYNE, DE V., *see under* *Journ. Educn*, 1928; *Mod. Lang. Teach.*, 1912; *Sch. Wor.*, 1909.

PAYNE, CHARLES ROCKWELL, *see under* Pfister, Oskar.

PHADKE, N. L., see under *Ind. Educn.*, 1910.

PHILLIPS, E. ADDISON, see under *Assn. H.-mstrsres*, 1931.

PHYSICS, EXAMINATIONS IN, see under *B.A.*, 1901, 1922; *B.M.A.*, 1920
Nature, 1901.

PIAGET, M. JEAN, see under *Conf. Exams*, 1931.

PICKLES, ARTHUR R., see under *Assn. Educn. Cttees*, 1926, 1927; *B.A.*, 1907;
N.U.T., 1909; *Sch. Gov. Chron.*, 1912; *Sch. Wor.*, 1907.

PINK, M. ALDERTON.

1926. *Procrustes: or the Future of English Education*, 21 *seqq.*,
Examinations. (Kegan Paul & Co.: London.)

PINTNER, RUDOLF.

1924. *Intelligence Testing: Methods and Results*, XI, *The School Child*, XII, *The College Student*. (University of London Press, London; printed in U.S.A.)

1930. *Educational Psychology: an Introductory Text*, XV, *The Uses of Educational Tests*, XVI, *New-Type Examinations*, etc. (Williams & Norgate: London; printed in U.S.A.)

PIORKOWSKI, C., see under *Nat. Inst. Indus. Psych. Journ.*, 1922.

PLATT, SUSAN.

1929. *The Reform of Examinations*. (J. Bale Sons and Daniell, Ltd.: London.)

See also under *New Era*, 1931.

POLAND.

New Era, The.

1930. Jan., 15, 16-17, *Examinations (Poland)*, *Test Methods*, etc.

See also under *Sch.-mstr*, 1929.

POLICE FORCE, EXAMINATIONS FOR, see under *Add.* (p. 141).

POTTER, F. F., see under *Association of Directors and Secretaries of Education*, 1927; *Educn*, 1927.

POTTER, G. J. R., see under *N. of Eng. Educn. Conf.*, 1932.

POTTER, HAROLD, see under *Law Society*, 1931.

POWERS, S. R., see under *Sch. Sci. Rev.*, 1927.

POWNALL, SIR A., see under *T.E.S.*, 1931.

PRACTICAL SCIENCE, EXAMINATIONS IN, see under *B.A.*, 1932; *B.M. Journ.*, 1930; *Sch. Sci. Rev.*, 1928.

PREPARATORY SCHOOLS, INCORPORATED ASSOCIATION OF, see under *Association of Preparatory Schools*.

Preparatory Schools Review, The.

1901. Dec., 77-8, 82-3, *School Examinations* (by Emeritus, etc.).

1903. March, 37-8, *Proposed Common Entrance Examination* (H. Frampton Stallard).

Preparatory Schools Review, The—Cont.

1906. Dec., 62 *seqq.*, Entrance Scholarships (C. C. Lynam, C. Simmons).
 1907. July, 135-6, Anableside Review School Examinations (C. H. Gibbs).
 1916. March, 180-181, Common Examination for Entrance to Public Schools; Dec., 253-4, Standards and Subjects in the Common Entrance Examination (Various correspondence).
 1917. March, 291-2, July, 321-2, Standards and Subjects in the Common Entrance Examination (Various correspondence).
 1924. Nov., 85-6, Intelligence Tests (J. F. P. Thornhill).
 1926. Dec., 280 *seqq.*, Our System of Scholarship Examinations (by A. E. L.).
 1927. July, 359-60, The C.E. Examination with special reference to English (C. Nowell Smith).
 1928. March, 421 *seqq.*, Examinations and the P.N.E.U. (Miss Mason's Method of Education in a Boys' Preparatory School), 467, Gramming and the Common Entrance (A. H. Davis).
 1932. June, 312, Wanted: Common Examination Reform (J. P. N.); Nov., 314-315, Education in Switzerland (Matura Examination).

PRICE, STANLEY, *see under* Percy, Lord Eustace, 1932, Yr Bk.

PRITCHARD, E. H., *see under Journ. Educn.*, 1921.

PRIVATE SCHOOLS ASSOCIATION, INCORPORATED, *see under* Ind. Sch. Assn. Inc.

Progress.

1922. Jan.-Mar., 1 *seqq.*, Education in Danger (Percy Alden).
 1924. Jan.-Mar., 1 *seqq.*, Local Education Authorities and Scholarships to Universities, prepared for the Sir Richard Stapley Educational Trust by G. S. M. Ellis.

PRYS, ELINED, *see under* Gen. Hist. Educn., 1932.

PSYCHOLOGY IN EDUCATION. PSYCHOLOGICAL TESTS, ETC., *see under* Adams, Sir John, 1922; Bibliographies (p. xvii); B. of E., Cons. Cttee, 1924; B. A., 1924, 1929; Brit. Psych. Soc., 1908, 1919; Conf. Educnl Assns, 1925; Hamilton, E. R.; *Journ. Car.*, 1931; New Educn Fell.; Pfister, Oscar; Pintner, Rudolf, 1930; *Sch.-mstr.*, 1926. *See also* Binet Tests; Group Tests; Mental Tests; Vocational Tests.

PUBLIC SCHOOLS COMMISSION, *see under* Gen. Hist. Educn. etc., 1864, 1865.

PUGH, D. W., *see under New Sch.-mstr.*, 1927.

PULLEN, W. H. F., *see under* Assn T. in Tech. Inst., 1922.

PUPIL TEACHERS, EXAMINATIONS FOR, *see under* B. of E.; Circulars 573, 750, 1394, Reports (Various), 1907; *Sch.-Mstr.*, 1901.

Quarterly Review, The.

1928. July, 160-174, The Nightmare of Examinations (Edward Lyttleton).

- RAALTE, GEORGE VAN, *see under T.E.S.*, 1932.
- RAFIQUE, SIR MOHAMMED (Osmania), *see under Cong. Univ. Emp.*, 1926.
- RAIT, ROBERT S., *see under Gen. Hist. Educn.*, 1912.
- RAMSAY, SIR W., *see under Nature*, 1901.
- RAMSBOOTHAM, HERWALD, *see under Educn.*, 1932; *Tech. Journ.*, 1932; *T.E.S.*, 1932.
- RANGACHARY, C. R. SRINIVASA. *see under Ind. Educn.*, 1912, 1913, 1914, 1915.
- RANGANATHAN, S. R., *see under Ind. Math. Soc. Journ.*, 1922.
- RANKIN, W. MUNN, *see under Tech. Journ.*, 1923.
- RAPHAEL, WINIFRED, *see under Nat. Inst. Indus. Psych. Journ.*, 1930.
- RASHDALL, HASTINGS, *see under Gen. Hist. Educn.*, 1895.
- RAWNSLEY, CANON H. D., *see under Sec. Sch. Assn.*, 1915.
- RAYMONT, M. A., *see under Journ. Educn.*, 1923.
- RAYMONT, T.
 1919. *The Principles of Education*, Chap. XIII, *The Influence of Public Examinations on Teaching.* (Longmans & Co.: London. New Ed.)
 1931. *Education*, Chap. IX, *Examinations.* (Longmans, Green & Co.: London.)
See also under Adams, Sir John, 1924, *Educational Movements*; *Conf. Educnl Assns*, 1925; *Journ. Educn.*, 1932.
- RECORDS, SCHOOL, *see School Records.*
- RELIGIOUS KNOWLEDGE, EXAMINATIONS IN, *see under Assn Asst Mstrs*, 1931; *B. of E.: Sec. Sch. Exams Counc.* 1932; *Journ. Educn.*, 1930; *N.U.T.*, 1911, 1914.
- REMINGTON, JOHN STEWART.
 1907. *The Education of To-morrow*, 35, *The Purpose of Examinations.* (Guilbert Pitman: London.)
- RÉNAULT, E. L., *see under Wales: Welsh County Sch. Assn.*, 1911.
- REYNOLDS, E. E., *see under Journ. Educn.*, 1929.
- RHODESIA, SOUTHERN, *see Southern Rhodesia.*
- RICHARDS, S. A., *see under Conf. Educnl. Assns*, 1930; *Mod. Lang. Assn.*, 1927, 1930.

RICHARDSON, C. A.

1922. *Methods and Experiments in Mental Tests*, II, The Reliability of the Stanford-Binet Scale of Intelligence Tests as an Index of Educable Capacity, III, The Derivation of Mental Ages from Scores in a Group Test, IV, Methods of Estimating the True Intelligence Quotients of Adults and Adolescents, V, The Reliability of the Group Intelligence Test as an Index of Educability. (Harrap & Co. Ltd.: London.)

See also under *Journ. Exper. Ped.*, 1922.

RICHMOND, KENNETH, see under *Par. Rec.*, 1907.

RIPPER, W., see under L.C.C., 1900, Tech. Educn Board.

RIPPRIAN, WALTER, see under B. of E., Circular 849.

RITCHIE, FRANK, see under *Sch. Wor.*, 1904.

ROBERTS, CHARLES, see under A.M.A., 1931, 1932.

ROBERTS, R. D., see under Assn H.-masters, 1903.

ROBERTSON, A., see under *Ind. Educn*, 1906.

ROBERTSON, SIR CHARLES GRANT, see under Cong. Univ. Emp., 1931; *Sci. Rev.*, 1902.

ROBINSON, G. GIDLEY, see under B.A., 1907; B. of E., *Special Reports*, 1900; *Sch. Wor.*, 1910.

ROCHE, J. W., see under A.M.A., 1932.

ROGERS, AGNES L., see under *Brit. Journ. Psych.*, 1925.

ROGERS, C. W. P., see under *Educnl Times*, 1919.

ROLLESTON, H. D., see under B. M. Journ., 1912.

ROLLIT, SIR ALBERT K., see under Gen. Hist. Educn, 1922, *Law Journ.*; *Law Journ.*, 1913.

ROOPER, C. AGNES, see under *Par. Rec.*, 1905.

ROSCOE, FRANK, see Ward, Herbert; see also under Percy, Lord Eustace, 1932, Yr BK.

ROSS, SIR RONALD, see under *Sci. Mstrs Assn*, 1918.

ROSS, WILLIAM C. A., see under Scotland: Cong. Sec. Educn, 1914.

ROTH, L., see under *Univers Rev.*, 1932.

ROUSE, W. H. D., *see under A.M.A.*, 1932; Assn Asst Mstrs, 1912; *Mod. Lang. Teach.*, 1911; *Nat. Rev.*, 1900; *Sch.-mstrs Yr Bk*, 1903.

ROYAL COMMISSIONS ON THE CIVIL SERVICE.

1913. Royal Commission on the Civil Service, 1912, First to Sixth Reports, with Index, 1913-1915 (Sections on Examinations). (H.M. Stationery Office.) See *T.G. Quart.*, 1913, March 3: 27 *seqq.*, Educational Issues raised by the Report (Phoebe Sheavyn, T. H. Burnett, T. Ll. Humberstone, Miss Waters, W. A. Nicholls, S. Braginton); and *under Assn H.-mstrs*, 1913, 1915; *Educn*, 1912; Hartog, Sir Philip, 1918.

1920-31. Royal Commission on the Civil Service, 1920-1931, Report (Sections on recruitment for various classes); Minutes of Evidence, Pt. I, 58, Competitive Examinations. (H.M. Stationery Office.) See also *under Assn Asst Mstrs*, 1930; *Assn H.-mstrs*, 1930; *Hum. Fac.*, 1932.

ROYAL COMMISSION ON OXFORD AND CAMBRIDGE UNIVERSITIES.

1922. Report. (H.M. Stationery Office.)

ROYAL COMMISSION ON UNIVERSITY EDUCATION IN LONDON. (Chairman: Viscount Haldane).

1910 (1st Report), 1911 (2nd and 3rd Reports), 1911-12 (4th Report), 1913 (Final Report), Appendices with Minutes of Evidence. (For Sections on Examinations, *see Index*.) See also *under Assn H.-mstrs*, 1911; *Co. Sch. Rev.*, 1913, 1916; *Gen. Hist. Educn*, 1926, Humberstone, Thomas Lloyd.

ROYAL COMMISSION ON UNIVERSITY EDUCATION IN WALES, *see under Wales*.

ROYAL ENGINEERING COLLEGE, COOPER'S HILL, *see under Add.* (p. 141), Lowell, etc.

ROYAL ENGLISH SOCIETY FOR THE PROMOTION OF CHILD BRAIN DEVELOPMENT, *see under Scott. Educnl Journ.*, 1929.

ROYAL SOCIETY OF ARTS.

1911. 8th Ordinary Meeting, Feb. 1, Examinations in their Bearing on National Efficiency: a Paper read by Sir Philip Hartog; discussion (led by Lord Cromer) on Civil Service Examinations. See also *Educn*, 1911, Feb. 10: 82; *R.S.A. Journ.*, 1911, Feb. 3: 270, Feb. 10: 317; *Sch. Gov. Chron.*, 1911, Mar., 278; *Sch. Wor.*, 1911, Mar., 102-105; *Times, The*, 1911, Feb. 2: 12; *T.E.S.*, 1911, Feb. 7: 55, 57 (Sir Michael Sadler).

1916. Meeting, Dec. 20, Literature and Science in Education (Character rather than intelligence is the real aim of education), Paper read (A. C. Benson). See *R.S.A. Journ.*, 1916, Dec. 22: 96 *seqq.*; *Brit. Med. Journ.*, 1916, Dec. 30: 911.

1932. Report on the Society's Examinations, 1932. Introduction (Value of Examinations for Students of Ordinary Ability). See *R.S.A. Journ.*, 1932, Oct. 21: 1086-1087.

Royal Society of Arts, Journal of the.

1914. Sept., 25, External Examinations.

1917. Oct., 799 *seqq.*, Examinations of 1917.

ROYAL SOCIETY OF TEACHERS.

1931. Recommendations of Council in regard to Examining Bodies.
See *Educ. Owl.* 1931, Jan. 6.

Royal Statistical Society. *Journal of the*.

- 1910, Jan. 1 supp. on the Representation of certain Examination Results in two and in three Dimensions (W. Garnett, with Discussion). (Read before the Royal Statistical Society, Dec. 14, 1909.)

RUGG, HAROLD O.

1921. Statistical Methods applied to Education (with Bibliography) (Harrap & Co. Ltd.: London.)

RURAL SCHOOLS (WALES). EXAMINATIONS OF, see under Wales: Welsh Co. Sch. Assn, 1923; *Welsh Sec. Sch. Rev.* 1929.

RURAL TEACHERS' EXAMINATIONS, see under B. of E. Reports Various, 1929.

RUSE, ROBERT P., see under Conf. Exams. 1931.

RUSSELL, JAMES E., see under Germany.

RUSSELL, JOHN, see under Conf. New Ideas Edum. 1916.

RUSSIA, see Perry, Lord Emanc. Yr. Ed. etc., 1902, 531 supp. (Technical Education B. Morris-Jones).

RUSSIAN, EXAMINATIONS IN, see under Mod. Lang. Teach. 1917.

RUSE, C. A., see under *Educ. Owl.* 1930.

RUTHERFORD, SIR E., see under Brit. Med. Assn. 1921.

SADLER, SIR MICHAEL E.

1903. Report on Secondary and Higher Education (Sheffield). 33. Scholarship System. (Sheffield Education Committee.)

1904. Report on Secondary and Higher Education in Hampshire. Chap. IV (3). The Scholarship System (Southampton County Council.)

- Report on Secondary Education in Birkenhead. Chap. VII. Suggestions for the Establishment of a Scholarship System (County Borough of Birkenhead Education Committee). (George Philip & Son, Ltd.: London.)

1905. Report on Secondary and Higher Education in Newcastle-upon-Tyne. Chap. IV, (7) Scholarships. (Newcastle-upon-Tyne Education Committee.)

- Report on Secondary and Higher Education in Derbyshire. Chap. VI. The Award of Scholarships. (Derby County Council.)

- Report on Secondary and Higher Education in Exeter. Chap. V. The Award of Scholarships. (Exeter Education Committee.)

- City of Liverpool Education Committee. Report on Secondary

SADLER, SIR MICHAEL E.—*Cont.*

Education in Liverpool: including the Training of Teachers for Public Elementary Schools, 71-72, Causes of Weakness in Secondary Education (undue amount of attention paid to task of preparing for Local Examinations; the examination has become relatively too important; success in passing pupils for an external examination is no adequate test of all-round educational efficiency, etc.), 143, suggested 'Leaving Letter' for boys who have gone through a course to the satisfaction of the authority and have passed the regular examinations held at intervals during the course and at its close, 163, Development of the Scholarship System, 165, Junior City Scholarships, 169, Senior City Scholarships, 171, Technical, Commercial, Art, Musical, and Domestic Science Scholarships. (Eyre & Spottiswoode: London.)

1930. The Outlook in Secondary Education (Bureau of Publications: Teachers' College, Columbia University, New York), 17 *seqq.*, Youth and Tests.

See also under B. of E., Sec. Sch. Exams Counc., 1919; B.A., 1907; Conf. Educnl Assns, 1928; Conf. Exams, 1931; Cong. Univ. Emp., 1931; *Educn*, 1929; *Educnl Times*, 1912; *Eng. Rev.*, 1929; Gen. Hist. Educn, 1924; Germany: Paulsen, Friedrich, 1906; *Ind. Educn*, 1915, 1921; L.C.C., 1912; Nat. Fed. Hd Tchrs, 1905; New Educn Fell., 1929; *New Ideals Quart.*, 1931; R.S.A., 1911; *Sch. Wor.*, 1907; *Sec. Educn*, 1915; Social. Soc., 1906; *Tchrs Coll. Rec.*, 1930.

SALESMANSHIP, see under B. of E. Reports (Various), 1930; C.C. Assn, 1932.

SAMPSON, C. H., see under *Sch. Wor.*, 1903.

SAMUEL, T., see under B.A., 1923.

SANDBACH, F. E., see under Cong. Univ. Emp., 1931.

SANDERSON, F. W., see under *Nature*, 1920.

SANDFORD, E. G., see under Gen. Hist. Educn, 1906.

SANDON, FRANK, see under A.M.A., 1932; *Brit. Journ. Educnl Psych.*, 1931; Crofts, J. M., and D. Caradog Jones; *Forum Educn*, 1928, 1929; *Math. Gaz.*, 1926.

SANSGÈNE, MAJOR DE, see under *Mod. Lang. Teach.*, 1907.

SARGANT, E. B., see under *Nature*, 1904.

SARGEAUNT, JOHN, see under Gen. Hist. Educn, 1898, 1925.

Saturday Review, The.

1900. Aug. 4: 143, The Fruits of Examination: Some answers shewing the working of the boy mind under the spell of that painful and reactionary process, the modern examination.

1901. Sept. 21: 365-66; Oct. 5: 431-2, Examinations in Utopia (A. G. Munro; Frank J. Adkins).

1902. Mar. 22: 366; Mar. 29: 396-7, The Universities and the Civil Service Examinations (A Cambridge Lecturer; Sir Charles Grant Robertson).

Saturday Review, The (London)—*Cont.*

1904. Nov. 26: 667, Examinations in New Training Colleges (Frank J. Adkins; J. F. Faunthorpe); Dec. 31: 826-7, Examination Worship (Frank J. Adkins).
 1930. Aug. 9: 166-7, The Examination Fetish (Sir Charles Petrie).
 1931. Oct., 558, Are Examinations a Test? (John Pace, James Lindsay).

SAUNDBY, ROBERT, see under *B. M. Journ.*, 1911.

SAYANI, I. M., see under *Ind. Educn.*, 1910.

SAYCE, ARCHIBALD H., see under *Gen. Hist. Educn.*, 1876.

SAYWELL, ARTHUR, see under *Conf. Educnl Assns.*, 1929.

SCANDINAVIA, see under *Assn H.-mstrs.*, 1908; Denmark; Norway; Sweden.

SCHOHAUS, WILLI.

1932. The Dark Places of Education, with a Collection of Seventy-eight Reports of School Experiences. Translation by Mary Chadwick with a Foreword by P. B. Ballard, 166, Examination Fear. (George Allen & Unwin Ltd.: London.)

School.

1904. Jan., 25; Feb., 81; Mar., 134; Apr., 194; May, 224, The Examination Chaos (Cloudesley Brereton). 85, 135, 137, The Leaving Certificate (H. J. Spenser; Cloudesley Brereton; J. Lewis Paton).
 1905. Jan., 4-7, The Proper Function of Examinations; Oct., 134-6, The Educational Ladder (Examinations the best-abused piece of educational machinery that exists) (Gilbert Faber).
 1906. Jan., 8-9, Examinations (Gilbert Faber); March, 109-10, The Educational Ladder (County Council Scholarships in some cases extravagant and ill-advised) (A. J. S.).
 1907. March, 73-74, Can we standardise school efficiency? (J. H. Leonard), 136-138, The Seamy Side of Secondary Education (a Headmaster).
 1908. July, 5-7, The Real Dangers of the Examination System (F. H. Colson).

School Board Chronicle, The

1900. Feb. 24: 205, Commercial Examinations Board.

School Government Chronicle, The.

1904. Dec. 17: 597-8, London County Scholarships Scheme and the Question of Teaching Supply.
 1906. Jan. 13: 77-8, Simplification of Curriculum in Elementary Schools and better Methods of Testing Results (George T. Hyden); Apr. 28: 376, Brighton Scholarship Scheme: The Test of Talent.
 1907. Feb. 2: 143-4, Mr. Mundella on Scholarships and Delimitation.
 1910. Aug. 6: 109-110, The Mistakes of the London Matriculation.

School Government Chronicle—Cont.

1911. May 6: 411-412, Inspection and the Private Schools Association: How to receive inspection (G. H. Moore); Sept. 16: 230-2, Examination Reform; Oct. 7: 290-1; Oct. 21: 334-5; Nov. 11: 391-2. What is and might be: the common philosophy and practice of education (Edmond Holmes).
1912. Aug. 17: 136; Aug. 24: 155, The Place and Function of Secondary Schools in a National System of Education (The Scholarship System; The Entrance Examination; Examinations in Secondary Schools) (A. R. Pickles); Sept. 7: 193-4, Modern Languages v. Ancient Classics: The Examination Mind (review of Sir Stanley Leathes' article in *T.E.S.*); Oct. 5: 277, Examination and the Board; Oct. 26: 340-1, Competitive Examination in Education and the Services.
1913. Oct. 25: 337-8, Transfer of Children from the Primary to the Secondary and Technical Schools (Scholarship System) (F. W. S. Gladwin).
1914. Aug. 1: 96, Committee of Supply, House of Commons, External Examinations (J. H. Yoxall); Nov. 14: 338-9; Nov. 21: 354-5; Dec. 19: 425-6, Examinations in Secondary Schools and elsewhere.
1915. Jan. 2: 8, Examinations in Secondary Schools.
1916. Jan. 15: 35-6, The Question of Examinations in Secondary Schools as affected by the War (L. A. Selby-Bigge).
1921. Jan. 19: 141, Leicestershire Memorandum on Scholarships and Free Places.
1928. Sept. 22: 172, Examination for Part-Time Students.
1932. Apr., 304, Trade Scholarship Examination (L.C.C.) Method of Selection.

School Guardian, The.

1911. Sept. 9: 974, Examinations and their value.
1912. Aug. 24: 804, 820-821, A Plea for Examinations.
1921. March 19: 102-103, Intelligence Tests.
1926. Aug. 21: 229, Results—what are they? (Examinations in Elementary Schools); June 19: 178 *seq.*, The Curriculum of the Secondary School (Group System) (Sara A. Burstall).
1927. Apr. 16: 122, Examinations and Health.
- SCHOOL RECORDS, *see under* Assn Asst Mstrs, 1912; Assn of T. in Tech. Inst., 1913; Findlay, J. J., 1925; *Ind. Educn.*, 1915; Scotland: Scott. Educn Dept, Off. Publ., Circ. M. 286; *T.E.S.*, 1930, 1931.

School Science Review, The.

1923. Sept., 1, Some Principles of Examination (G. H. J. Adlam).
1924. Feb., 133, School and University Science (Influence of Examinations on Teaching) (Arthur Smithells).
1926. Feb., 209, "Content-Papers" in Examinations (E. H. Nelthorpe).
1927. June, 258-265, Chemistry in English and American Schools (Powers Chemistry Test, Gerry Chemistry Test) (S. R. Powers).
1928. June, 282-285, Chemistry in English and American Schools (Simple Tests) (F. W. Turner); Oct., 28-34, Examinations in Practical Science (A. Sutcliffe); Dec., 134 *seq.*, Practical Examinations at the School Certificate Stage.

See also under Sci. Mstrs Assn.

School World, The.

1903. Feb., 63-4, The New Leaving Certificate of the London University (J. Lewis Paton); Nov., 410-11, The Influence of Examinations on Education (C. H. Sampson).
1904. Apr., 125-7, The Influence of the Scholarship System on the Work of Preparatory Schools (Frank Ritchie), 127-9, Scholarships from Elementary Schools (Harry Coward), 129-31, Elementary Scholars in Secondary Schools (J. R. Wynne-Edwards), 134-6, Public School Entrance Scholarships (R. S. De Courcy Laffan), 137, The Scholarship System (Sir T. Gregory Foster), 148-50, The Supersession of Competitive Examinations.
1905. Feb., 47-48, Oral Examinations in Modern Languages (E. R. Edwards), 61-2, Leaving Certificates: Scholarships; Apr., 130-131, The London Scholarship Scheme.
1907. Feb., 62-5, The Use and Abuse of Public Examinations (J. E. Barton; S. A. Burstall); Sept., 321, The English Scholarship System: its Principles and Results (Sir Michael Sadler and H. Bompas Smith), 325-6, The Scholarship System at the Public Schools (A. A. David), 345, Scholarships from Elementary Schools (A. R. Pickles), Nov., 409, A New Method of Awarding Scholarships (Cloudesley Brereton).
1908. Jan., 6-7, Examiners and Examinations; Apr., 123-6, Reflections suggested by some Examination Results (Certificate Examinations of the Oxford and Cambridge Schools Examination Board) (G. F. Daniell).
1909. Feb., 45-6; July, 256, The Army Qualifying Examination (De V. Payen-Payne).
1910. May, 163-6; June, 210-13, Examinations (G. H. Bryan), 208-10, Examinations and the Teaching of English in Secondary Schools (W. Walton), 211-14, The Reform of Examinations (C. M. Stuart); Sept., 321-3, Testing Intelligence (J. L. Paton), 327, The Scholarship System as affecting Preparatory Schools (G. Gidley Robinson); Oct., 366-9, The Examination of Intelligence in Children (Otto Lipmann); 391-2, M. Binet's Method for the Measurement of Intelligence.
1911. Apr., 130-1, The New Army Entrance Examinations; Oct., 369-70, The Place of Examinations in the Primary School (Walter D. Bentliff).
1912. Jan., 26-7, The Position and Value of School Examinations, Aug., 283-6, Army Educational Certificates (A. P. Hatton), 289, The State, the School and the Civil Service (D. P. Coulton).
1917. Nov., 380-2, Standardising and Competitive Examinations.
1918. June, 181-184, Matriculation Examinations for Arts (C. Linklater Thomson).

Schoolmaster, The

1900. Nov. 10: 85-86, Inspection *versus* Examination, etc. (Various Correspondence).
1901. May 4: 790, The Code for 1901. Discussion in the Lords (Annual Examination for Pupil Teachers); Sept. 7: 370, The New System of Examination; Nov. 9: 791, The L.S.B. Inspectors' Report (Correspondence).
1902. Oct. 25: 655, Inspection *versus* Examination (Lord Londonderry); Nov. 1: 696, Inspectorial Impressions in 1902 (Examination v. Inspection).

Schoolmaster, The—Cont.

1903. Sept. 5 : 397 ; Sept. 10 : 480 ; Sept. 26 : 528 ; Oct. 10 : 638, Inspectorial Impressions (Inspection v. Examination) ; Nov. 28 : 1041, Back to Cram ?
1904. Jan. 23 : 196, The Coming Portsmouth Conference (Examinations) (T. J. M.). Feb. 6 : 294 ; Feb. 13 : 364 ; Feb. 20 : 438 ; Feb. 27 : 469, Conditions . . . in the Board Schools of East Lambeth ; Evils of the System of Individual Examination ; Dec. 17 : 1216, 1225, Dec. 24 : 1265, London Education Authority : Proposed New Scholarship Scheme.
1907. July 27 : 198, Inspection v. Examination (Correspondence) ; Dec. 14 : 1052, Promotion (of Teachers) in London Schools ; Method of Selection.
1914. June 13 : 1242, Mental Tests for Children : Paper read at Child Study Conference by Cyril Burt.
1916. Dec. 2 : 677, Dec. 16 : 742, Suggestions for the Conduct of Internal Examinations.
1917. Jan. 13 : 46, The Junior County Scholarships : Imposition of New Examinations.
1918. Feb. 9 : 270, School Certificate Examination (W. Walton).
1919. Jan. 25 : 128, Evils of Examinations (Leader from *Daily Telegraph*).
1920. Sept. 18 : 433, The Selection of Junior County Scholars (System at fault).
1922. Sept. 1 : 306, The Use and Abuse of Examinations.
1923. Sept. 7 : 318, Dr. Cyril Burt on Intelligence Tests.
1926. June 25 : 1016, Examinations (by a Retired H.M.I.) ; Sept. 10 : 345, "Education" demands a Leaving Certificate ; Oct. 8 : 505, Examinations and Psychology (Cyril Burt) ; Nov. 19 : 750, Elementary Schools Examination.
1927. Feb. 10 : 207, Examinations and Culture ; Mar. 31 : 585, The Tyranny of Examinations and Marks (C. W. Bailey) ; June 16 : 1222, Mental Testing v. Standardised Scholastic Tests (W. T. Tregear) ; June 30 : 1322, Board of Education : Suggestions for Teachers' Examinations ; Oct. 27 : 773, The Examination Nuisance (Charles H. Barker).
1928. Jan. 12 : 78, Central Schools (and the School Certificates) ; Feb. 9 : 270, The School Certificate Examination (W. Walton) ; Mar. 8 : 458, Examinations : Trouble at Richmond (Richmond Education Committee), Mar. 29 : 616, The School Certificate Examinations : Sept. 13 : 410, The Examination System, Sept. 13 : 432, Coaching for Scholarships ; Oct. 11 : 592, Unemployment and Examinations ; Nov. 29 : 952, Notes (on Examinations) : wise words on Education, Examinations, Distinctions and Comparisons : the limitations of examinations).
1929. Jan. 3 : 7, The Examination Obsession ; Mar. 7 : 455, First Schools Examination (W. Walton) ; Aug. 29 : 299, The Examination Question (Charles W. Cowen) (Examinations in Austria, Belgium, Bulgaria, Ontario, Czecho-Slovakia, Denmark, Sweden, Hungary, Poland, Esthonia, Norway, Germany) ; Nov. 7 : 752, Examinations in Sheffield : plea for abandonment of "uneducational examination policy."
1930. July 10 : 48, Archbishop of York (William Temple) on Examinations ; Aug. 21 : 255, Examinations and character.

Schoolmaster, The—Cont.

1931. Feb. 26 : 382, Examinations or Competitions (B. C. Wallis).
 1932. Apr. 7 : 660, The First School Examination. Higher Education Meeting at Folkestone ; May 26 : 955, Technical and Commercial Education. Effect of the Examination System ; Sep. 1 : 266, With the Local Authorities, The Cost of Examinations (among avenues of economy to be explored is that of future of all too prevalent general examination) (G. S. M. Ellis) ; Oct. 13 : 517, The School Certificate Examination, Lord Eustace Percy Condemns the School Certificate, Can Examinations be Trusted (G. S. M. Ellis) ; Oct. 20 : 568, Meeting of Teachers and Representatives on Education Committees (The Value of Intelligence Tests) ; Dec. 8 : 828, Examinations in Sheffield (Sheffield Education Committee).

Schoolmasters' Year Book.

1903. Pt. I, Extracts from the Report of the Board of Education for the year 1901, 1902, 58, Preparations for external examinations a hindrance to improvement of methods of teaching, 62, East Riding, Effects of Examinations, Pt. III, 50 *seqq.*, Competitions for Open Scholarships (W. H. D. Rouse).
 1924. Pt. I, Review of the Year, xcv, Examinations in Secondary Schools (The Secondary School Examinations Council), The Testing of "Intelligence" (Consultative Committee's Report on psychological tests).

Schoolmistress, The.

1900. Oct. 4 : 5, Inspection v. Examination.
 1912. Dec. 19 : 254, Matriculation Examination (Guild of Graduates of University College : Criticisms).

SCHOOLS INQUIRY COMMISSION, *see under* Gen. Hist. Educn, 1868, 1906.

SCHUSTER, SIR ARTHUR, *see under* Univ. Rev., 1905.

SCHUSTER, EDGAR.

1907. The Promise of Youth and the Performance of Manhood : being a statistical inquiry into the question whether success in the examination for the B.A. Degree at Oxford is followed by success in Professional Life. (Eugenics Laboratory Memoir, III) (Dulau & Co. : London.)

SCHUSTER, EDGAR AND ETHEL M. ELDEBTON.

1907. The Inheritance of Ability : being a Statistical Study of the Oxford Class Lists and of the School Lists of Harrow and Charterhouse, 41, Appendix, Influence of Academic Selection in Correlation Coefficients (Karl Pearson) (Eugenics Laboratory Memoirs, I) (Dulau & Co. : London).

SCIENCE, EXAMINATIONS IN, *see under* Assn Asst Mstrs, 1928 ; Assn of T. in Tech. Inst., 1911, 1912 ; B. of E. : Circulars, 761, 776, Educn Pamph., 1932, No. 89, Sec. Sch. Exams Counc., 1932 ; B.A., 1917, 1922, 1928, 1931, 1932 ; *B.M. Journ.*, 1916, 1917 ; Brit. Sci. Guild ; Conf. H.-mstrs, 1930 ; *Educn*, 1920 ; Gen. Hist. Educn, 1873, 1881 ; *Ind. Educn*, 1908 ; *Journ. Educn*, 1930 ; N.U.T., 1912 ; *Nature*, 1900, 1902, 1907 ; Newton, Arthur Percival, 1924 ; R.S.A., 1916 ; *Sch. Sci. Rev.* ; Sci. Mstrs Assn ; Scotland : Clarke, John, 1919 ; Shaw, Sir William Napier, 1916.

SCIENCE MASTERS' ASSOCIATION.

1905. Annual Meeting, Jan. 14, Importance of Inclusion of both Latin and Science in a Scheme of General Education (influence of present trend of examinations) (Douglas Berridge). See *Nature*, 1905, Jan. 19: 284.
1909. Annual Meeting, Jan. 12, Report, 27, The Function of Science in Education (no boy's education is broad or even symmetrical which has contained less natural science than it requires for our first M.B. examination) (Presidential Address, Sir Clifford Allbutt). See also *Brit. Med. Journ.*, 1909, Jan. 16: 170-171; *Nature*, 1909, Jan. 21: 353.
1912. Conference, January, Discussion re Examinations. See *Nature*, Jan. 25: 425.
1918. Annual Meeting, Dec. 31 (1917), Jan. (1918), Presidential Address, Sir Ronald Ross, Observations on the Results of our System of Education. See *Nature*, 1919, Jan. 9: 376 *seqq.*; Jan. 8, Examinations (G. F. Daniell). See also *Journ. Educn*, 1918, Feb., 116.
1921. Meeting, Jan. 4, Presidential Address. Some Aspects of Science and Education (Influence of Examinations) (Archer Vassall). See also *Sch. Sci. Rev.*, 1921, Feb., 247 *seqq.*
- Meeting, Oct. 15, Recommendations in regard to Science in Common Entrance Examination. See also *Sch. Sci. Rev.*, 1921, Dec., 73.
1925. Meeting, Jan. 5, Discussion: The Connection between Science Teaching in Schools and Universities (Scholarship Examinations, Higher Certificate Examinations, etc.). See also *Sch. Sci. Rev.*, 1925, Feb., 179 *seqq.*
1926. Meeting, January, First School Examinations, Second School and Scholarship Examinations (D. J. Berridge and Discussion). See *Sch. Sci. Rev.*, 1926, Feb., 194-197.
1930. Committee of the Association, Faculty of Science, Report, June 1930, Faculty of Medicine, Oct. 1930. Exemption by Higher Certificate. See also *Nature*, 1930, Jan. 18: 111-112; *Sch. Sci. Rev.*, 1930, June, 297 *seqq.*, Oct., 7 *seqq.*
1931. Meeting at Birmingham, Jan. 6, Science Education of the Boy up to Eighteen Years of Age (Discussion: Higher School Certificate, etc.). See also *Sch. Sci. Rev.*, 1931, Mar., 247 *seqq.*
- Educational Pamphlet No. 2, Education and Citizenship (Presidential Address at Meeting of Association, Dec. 29) (Cyril Norwood), 16, School Certificate Examination. See also *Sch. Sci. Rev.*, 1932, Mar., 183.

SCOTLAND.

A.M.A.

1929. Dec., 312, Some Notes on Scottish Secondary Education (School and Higher Certificates).

Association of Science Teachers of Scotland, *see under* Cong. Sec. Educn, *below*.

Association of Teachers in Secondary Schools.

1908. Dec. 11, Easter Branch Meeting, The University Preliminary Examination. See also under *Educn! News*, 1908, Dec. 18: 1432-1433.

SCOTLAND—Cont.

British Association.

1901. Report, Transactions of Section L., 863-865, The Mechanism for Education in Scotland (the Leaving Certificate, etc.) (John Adams).

1912. Report, 705, Educn Science Sec.: A System of School Leaving Certificates, with special reference to Scotland (J. Strong). See also *Educn*, 1912, Sept. 27: 195; *Educnl News*, 1912, Oct. 25: 997-8.

The State Leaving Certificate of Scottish Schools, with special reference to the Qualifying Examination of the Primary Stage (Paper read before the Ed. Sci. Section at Dundee, Sept. 1912) (D. MacGillivray). See *Sch. Wor.*, 1913, Jan., 5-7 (not printed in B.A. Report).

1927. Report, 195, 196, Examinations, Scotland and England (Duchess of Atholl).

Bureau of Education, India.

1921. Pamphlet No. 9, State Examinations in Scottish Schools (A. H. Mackenzie).

Burnet, John.

1917. Higher Education in the War, 183 *seq.*, Scotch Leaving Certificate. (Macmillan & Co.: London.)

Central Welsh Board.

1916. To-day and To-morrow in Welsh Education: a Referendum, etc., 90-93, Memorandum by the Chief Inspector on the Scotch Education System; Qualifying Examination, Intermediate Certificate Examination, Leaving Certificate Examination; Character of the Examinations; Correlation of Examination and Inspection. (Publ. by Central Welsh Board.)

Clarke, John

1919. Problems of National Education, by Twelve Scottish Educationists, 18, 23, 30-32, Fifty years of Scottish Education (Examinations) (Duncan MacGillivray). 83, 85, The Interests of Girls in Elementary and Continuation Schools (Qualifying Examination, defect of present system of education) (Elizabeth Fish). 193, 204, The Classics in School and University (Certificates and Examinations an evil in themselves, etc.) (John Burnet). 228, The Place and Function of Science (Examinations . . . rapidly becoming well thought out means of estimating mental efficiency) (J. Arthur Thomson). 319, 346-8, 356, The Scottish Universities (Evil of Scottish system lay in Examinations which follow lectures too closely; Thesis not well adapted to a competitive examination) (Herbert John Clifford Grierson). (Macmillan & Co.: London.)

Classical Association of Scotland.

1913. Proceedings. Defects in our present Examination System, particularly in the Leaving Certificate (J. W. Critchley). See also *Educnl News*, 1913, Mar. 14: 236.

1914. Proceedings. Presidential Address, Examinations: their hurtful influence upon method. See also *Educnl News*, 1914, June 12: 558.

Congress on Secondary Education (Sec. Educn Assn Scotl, Scott. Mod. Lang. Assn, Educnl Inst. Scotl., Edinburgh Math. Soc., Scott. Art Tchrs Assn, Assn Sec. Tchrs Scotl.).

1911. Glasgow, Scottish Schools and the Universities: The Preliminary Examination, etc. See *Educnl News*, 1911, May 19: 508 *seq.*

SCOTLAND—Congress on Secondary Education—*Cont.*

1913. The Leaving Certificate ; not a Passport to University Education, etc. See also *Educnl News*, May 23 : 482-483.

1914. 4th Congress. Address by Ramsay MacDonald : Examinations, etc. See also *Educnl News*, 1914, May 29 : 499, 506.

Examinations in History (William C. A. Ross). See also *Educnl News*, 1914, May 29 : 510.

Dumfriesshire Local Association.

1932. Meeting, Sept. 24, Address on Control Examination (John Henderson). See *Scott. Educnl Journ.*, 1932, Oct. 7 : 1222-1224.

Edinburgh Mathematical Society, *see under* Cong. Sec. Educn, *above*.

Educational Institute of Scotland.

1903. 30th Congress, Inverness, Gaelic as a Leaving Certificate Subject (W. J. Watson). See also *Educnl News*, 1904, Jan. 2 : 24-25.

1911. Aberdeen Branch, Jan. Meeting, Qualifying Examination ; Individual Examination ; The Two-Standard Examination. See also *Educnl News*, 1911, Jan. 27 : 85.

1913. 39th Annual Congress, Perth, Jan. 2, & 3, Re-organisation of Secondary Education ; The Leaving Certificate Examination, etc. See also *Educnl News*, 1913, Jan. 10 : 41.

1920. Meeting of Council, Sept. 4, Control Examinations ; Qualification for Entrance to the University. See also *Scott. Educnl Journ.*, 1920, Sept. 10 : 718-720.

1921. Meeting of Council, Sept. 3, Entrance to University ; Group Leaving Certificates. See also *Scott. Educnl Journ.*, 1921, Sept. 9 : 622, 626 (M. MacGillivray).

1922. Congress, Dundee, The Secondary School and the University ; Leaving Certificate, etc. See also *Scott. Educnl Journ.*, 1922, Jan. 6 : 8-9.

Qualifying Examinations, Opinions of various Branches of the Institute. See also *Scott. Educnl Journ.*, 1922, Mar. 3 : 150-152.

1928. Morayshire Branch Meeting, April, Control Examination. See also *Scott. Educnl Journ.*, 1928, May 11 : 569.

1929. Meeting of Joint Education Committee (Discussion on the Qualifying Age). See also *Scott. Educnl Journ.*, 1929, Mar. 8 : 277.

1932. 56th Annual Conference, Dec. 25-29, Presidential Address (William F. Anderson), Preposterous Over-valuation of Examinations. See also *Sch.-mstr*, 1932, Dec. 30 : 943 ; *Scott. Educnl Journ.*, Dec. 30 : 1584.

See also under Cong. Sec. Educn, *above* ; G.M.C., 1911.

Educational News.

1900. Mar. 3 : 149-150, Merit Certificates ; Sept. 1 : 585-586, Report on Leaving Certificates (Review of Sir Henry Craik's Report on the Inspection of Higher Class Education and the Examination for Leaving Certificates).

1902. Feb. 1 : 85-86, The New Leaving Certificate.

1910. May 20 : 513-514, The Preliminary Examination in Arts.

SCOTLAND—*Progress—Cont.*

1926. Apr. to June, Scottish Education (reprinted from the *Welsh Outlook*) (Duchess of Atholl), 6, Qualifications for Entrance to Scottish Universities.

School.

1905. Feb., 53-54, Education in Scotland; School Certificate System (John Clarke).

School Government Chronicle.

1908. Oct. 10: 297-298, Scotch Education Department. Lights on the Examination Question.
1915. Feb. 6: 98-99, Recent Progress in Scotland, with some Problems of Secondary Education (Examinations).

School World, The.

1912. Dec., 465-466, A System of School Leaving Certificates; with special reference to Scotland (J. Strong).

Schoolmaster, The.

1901. Apr. 20: 723, The Question of a Leaving Certificate (a Scottish Correspondent).
1930. Apr. 17: 715, Examinations in Scotland.

Scottish Art Teachers' Association, *see under* Cong. Sec. Educn, *above*.

Scottish Council for Research in Education.

- 1928-1929. First Annual Report of Committee of Investigation, 11-12, Qualifying Attainments, Leaving Certificate Examination (publ. 1930). *See also* *Scott. Educnl Journ.*, Supplement, 1932, Nos. 7 and 8.
1929-1930. Second Annual Report, 7, 10, Qualifying Attainments, Secondary School Pupils' Attainments (publ. 1930).
1930-1931. Third Annual Report, 12, Qualifying Attainments Committee (publ. 1931).
1931. Curriculum for Pupils of Twelve to Fifteen Years (Advanced Division), Introduction, 14 *seqq.*, External Examinations, Leaving Certificates. (University of London Press: London.)
1931-1932. Fourth Annual Report, 9 *seqq.*, Qualifying Attainments Committee, Secondary School Pupils' Attainments Committee, 13, International Examination Inquiry (publ. 1932).
1932. Examination Inquiry: Two Aspects (Supplement No. 7 to the *Scottish Educational Journal*) ((1) Time devoted in Scottish Schools to Examinations compared with the time given to teaching, (2) whether certain pupils do themselves justice in examinations [with Statistical Table]). *See also* *Sch.-mstr.*, 1932 June 16: 1079.
See also *T.E.S.*, 1932, Aug. 20: 318, Intelligence Tests (Experiments carried out by the Research Council).

Scottish Education Department: Official Publications.

Circular No. 30 (Annual) relating to the Leaving Certificate Examination and Day School Certificate (Higher) Examination.

Circular No. 44. Changes in the Examination System, 1921. *See also* *Scott. Educnl Journ.*, 1921, Dec. 16: 914-915, Dec. 23: 931; 1922, Jan. 13: 26-27, 32, Jan. 20: 50 (J. A. Third), Jan. 27: 63; Feb. 3: 74, Feb. 17: 108-109; Mar. 3: 142-143, Mar. 17: 175, Mar. 31: 209; Apr. 21: 262-263.

- SCOTLAND—Scottish Education Department: Official Publications.—*Cont.*
- Circular No. 60. Conditions of the Award of Day School Certificates. 1923. See also *Scott. Educat. Journ.*, 1923, Dec. 14: 966-7.
- Circular No. 61. Leaving Certificate Examination. English Papers. 1924.
- Circular No. 62. Leaving Certificate. Regulations for Award of Day School Certificate (Modifications due to disappearance of Intermediate Certificate). 1932 (first issued 1924). See also *T.E.N.*, 1924, Feb. 16: 63.
- Circular No. 63. Conditions of the Award of Day School Certificates (Lower). 1924.
- Circular No. 66. Covering "Note on Mathematics." 1924.
- Circular No. 73. Further Conditions of the Award of Day School Certificates. 1927.
- Circular No. 74. Leaving Certificate Examination: Prevalence of over-pressure among candidates presented. 1927. (See also *Sch. mstr.*, 1927, Mar. 3: 380; *Scott. Educat. Journ.*, 1927, Feb. 25: 159.
- Circular No. 86. Reduction of number of subjects for Day School Certificate (Higher). 1932.
- Circular No. 300. Leaving Certificate (Scope and Intention). 1900. See also *Educat. News*, 1900, Nov. 24: 815.
- Circular No. 340. Regulations for the issue of Intermediate and Leaving Certificates. 1911. See also *Educat. News*, 1911, July 14: 707-8.
- Circular No. 345. Leaving Certificate Examination: Drawing. 1902. See also *Educat. News*, 1902, Jan. 25: 74.
- Circular No. 367. Leaving Certificate Examination and King's Scholarship Examination: Drawing. See also *Educat. News*, 1903, Sept. 12: 677-678.
- Circular No. 368. Leaving Certificate Examination and King's Scholarship Examination. Science, 1903. See also *Educat. News*, 1903, Sept. 19: 701-702.
- Circular No. 374. Qualifying Examination. 1903.
- Circular No. 376. Leaving Certificate Examinations. Mathematics. 1903. See also *Educat. News*, 1903, Sept. 19: 697.
- Circular No. 383. Leaving Certificate Examination and Gaelic. 1904. See also *Educat. News*, 1904, Dec. 31: 953-954.
- Circular No. 471. Higher Grade Gaelic at the Leaving Certificate Examination. 1916. 1915.
- Circular No. M. 59. Suggestions for rearrangement and consequent simplification of the school course in Mathematics, particularly in the first three Post Primary Years.
- Circular No. M. 286. Day School Certificate (Higher) (Preservation of School Records). 1924.
- Code of Regulations for Day Schools in Scotland 1923... made by the Scottish Education Department under Section 21 (2) (a) of the Education (Scotland) Act, 1918 (8 and 9 Geo. 5, c. 48). See Article 18 and Appendix I.
- Committee of Council on Education in Scotland. Annual Reports. 1900 onwards.
- Committee on Examinations for Part-Time Students. Report, 1928. Note as to Mathematics (Second Issue) (Day School Certificate and Leaving Certificate). 1927.

SCOTLAND—Cont.

Scottish Modern Languages Association. *see under* Cong. Sec. Educn, *above*.

Scottish Universities Entrance Board.

Announcements (Annual): Regulations under which a Certificate of fitness to enter on a Graduating Course in a Scottish University may be obtained.

Journal of Education, 1932, 31: 402. Relationship between Scottish Leaving Certificate Examinations of the Secondary Schools and Preliminary Examinations of Scottish Universities.

Secondary Education Association of Scotland.

1911. Annual Meeting. Leaving Certificate New Conditions; the Preliminary and Bursary Examinations. *See also Educnl News*, 1911, Nov. 3: 1088, 1090.

1917. Meeting of Western Branch, April, Discussion on Leaving Certificate Examinations. *See also Educnl News*, 1917, Apr. 27: 219.

See also under Cong. Sec. Educn, *above*.

Secondary School Journal.

1908. Nov., 65-7, The Leaving Certificate (John Alison).

1915. June, 36-8, The Leaving Certificate and the Teacher's Estimate; Teachers' Control of the Central Examination.

Strong, John.

1909. A History of Secondary Education in Scotland: an account of Scottish Secondary Education from early times to the Education Act of 1908, Chap. XIII, The Leaving Certificate. (Clarendon Press: Oxford).

Times Educational Supplement.

1912. Dec. 3: 138, Scotland: The School Leaving Certificate.

1913. Apr. 1: 50, Scotland: The Leaving Certificate.

1922. Dec. 16: 546, Scotland: Qualifying Examinations.

1928. Jan. 14: 14, Scotland: Examinations (Attitude of Scottish Teachers).

1929. July 13: 320, French Teaching in Scotland.

1931. Mar. 21: 102; Apr. 11: 130, Scotland: The Leaving Certificate; July 11: 274, Qualifying Examinations.

1932. June 11: 218, Examinations Revised.

University Review.

1906. Feb., 457, Scottish University Reform (Examinations: Leaving Certificate, University Preliminary and Competitive Bursary Examinations) (Alex. Morgan).

Welsh County Schools Association.

1915. General Meeting, May 7 and 8, The Scottish Leaving Certificate (Rhys Morgan). *See also Co. Sch. Rev.*, 1915, Vol. 7, No. 1, July, 21-22.

See also under A.M.A., 1915, 1929; Assn of T. in Tech. Inst., 1912; Bibliographies (p. xvii); Burnet, John, 1917; Conf. Exams, 1931; Cong. Univ. Emp., 1921; Gen. Hist. Educn, 1902, 1909, 1924, 1927, 1931, 1932; Haldane, Rt. Hon. R. B., 1927; *Journ. Educn*, 1925; *Scott. Educnl Journ.*

Scott, R. P.

- 1904, Junior County Scholarships: A Proposed Scheme for London. 6, the Scholarships being given wholly on the results of a written examination . . . the teacher directs much of his attention to prepare the whole class for such a test . . . 11, Suggested Method of Selection, etc. (2nd ed., with Appendices John Bale, Sons & Danforth Ltd.: London).

See also under Gen. Hist. Educn. 1899.

Scottish Educational Journal, The.

- 1921, Dec. 30: 552-3, The Relation of the Secondary School to the University (George A. Morrison).
- 1922, July 7: 470, Intelligence Tests in Control Examinations (William Boyd); Dec. 1: 850, Dec. 22: 918, Dec. 29: 925, Substitute for Qualifying Examination.
- 1923, Jan. 19: 50-1, Jan. 26: 65, Post-Qualifying Education: who will examine and who will certify?; July 20: 512, 513, In Secondary Education Improving? The Leaving Certificate Examination, etc.; Dec. 28: 1060, Research Work. Examinations and Tests.
- 1924, Jan. 11: 41; Feb. 1: 108; Apr. 18: 352; Oct. 10: 938, Research Work on Examinations and Tests. I. The Examination Problem (William Boyd). II. The Examination Paper. III. New Examination Methods. IV. The Improvement of Ordinary Examination Methods; Dec. 19: 1192, The Higher Day School Certificate: a National Standard wanted (Harry Blackwood).
- 1925, June 12: 626-7, The Control Examination and Senior Classes: an experiment (C. M. Fleming).
- 1926, Oct. 8: 958; Oct. 15: 1013, Control Examinations (various correspondence).
- 1927, Feb. 25: 190-1, Intelligence Tests and Control Examinations (George Mowat); Nov. 18: 1159, A "Control" Examination; Feb. 4: 116-7, Discrepancies between Intelligence Test Results and the Class Record (William Boyd).
- 1928, Jan. 27: 87, Some Thoughts on External Examinations; Feb. 17: 180, Morayshire Education Authority, Control Examinations; June 8: 671, The Control Examination and Retardation; Sept. 21: 1003, Examinations.
- 1929, Feb. 22: 226-228, Performance Tests and their place in the Measurement of Intelligence; Mar. 29: 366, Is all well with Scottish Education? Reconsideration of Control Examination George Duncan; Aug. 30: 916-917; Sept. 6: 942, 947, Sept. 13: 960, Intelligence Testing in the Secondary School, I, II, III (John L. Hardie); Sept. 13: 967, More about Examinations, Sept. 20: 988, The Control Examination (Report of the Royal English Society for the Promotion of Child Brain Development); Dec. 6: 1284, No Examinations (C. Delisle Burns, Lecture, Glasgow University), 1290, The Injustice of Examinations (James H. Steel).
- 1930, Apr. 4: 353, Preliminary Examination and the Leaving Certificate, Apr. 18: 431, The Examination Question; July 18: 778, Who Should Decide? (Control Examination); Dec. 19: 1343, Examinations in Public Elementary Schools.

Scottish Educational Journal, The—Cont.

1931. Jan. 16 : 64, Dr Steel on Examinations ; Feb. 27 : 244-245, The Vicious Circle (University Examiners and Over-specialisation) ; Mar. 27 : 352, The Wastage in Secondary Schools ; Apr. 24 : 454, University Entrance Examinations, 456, Control Examinations ; July 10 : 802, The Qualifying Examination.

Secondary Education.

1901. Sept. 16 : 129, Scholarships.
 1904. Sept. 15 : 70, School Certificates.
 1913. Jan. 15 : 14-5, The Joint Conference. Examinations in Secondary Schools (S. Maxwell), 19, Educational Issues and the Civil Service ; Examinations (Phoebe Sheavyn).
 1915. Sept., 91-92, Examinations in Secondary Schools (Sir Michael Sadler).

SECONDARY SCHOOL EXAMINATIONS COUNCIL, *see under* B. of E.

Secondary School Journal, *see under* Scotland.

SECONDARY SCHOOLS ASSOCIATION.

1915. Annual Meeting, July, Address (Canon Rawnsley) (Circular 849).
 See also *Educn*, 1915, July 23 : 44 *seqq.* ; *Sch. Wor.*, 1915, 338-342.
 1916. Memorandum on the Board of Education's Circular No. 849 (Examinations in Secondary Schools). See also *Sch. Wor.*, 1916, 26-27 ; *Sec. Educn*, 1916, Jan., 16-17.

SELBORNE COMMISSION, *see under* Gen. Hist. *Educn*, 1926, Humberstone, Thomas Lloyd, University Reform, etc.

SELBY-BIGGE, SIR, L. A., *see under* B. of E., Sec. Sch. Exams Coun., 1919 ; *Sch. Gov. Chron.*, 1916.

SEMON, SIR FELIX, *see under* B. M. Journ., 1907.

SHAH, C. G., *see under* *Ind. Educn*, 1909.

SHARP, W. H., *see under* Japan.

SHARPE, ARTHUR, *see under* *Law Journ.*, 1916.

SHARPE, T. W., *see under* *Educnl News*, 1902.

SHAW, LAURISTON E., *see under* B. M. Journ., 1907 ; *Lancet*, 1907, 1913.

SHAW, SIR WILLIAM NAPIER.

1916. The Lack of Science in Modern Education, with some Hints of What Might be, 13 *seqq.*, The Evil Microbe of Examinations, 22 *seqq.*, The Open Competition for College Scholarships, 29, Education and Research (Introduction of "Research" into the Final Examinations for Degrees, etc.) (Lamley & Co. : London.)
 See also *Nature*, 1917, July 5 : 367-368.

See also under B.A., 1919.

SHEARCROFT, W. F. F., *see under* B. of E. *Educnl Pamphlets*, 1932, No. 89.

SHEAVYN, PHOEBE, *see under* Roy. Comm. on C.S., 1912, etc. ; *Sec. Educn.*, 1913.

SHEDD, CLARENCE, *see under* Gen. Hist. Educn, 1932, Kotschnig, Walter M.

SHEFFIELD DISTRICT INCORPORATED LAW SOCIETY.

1909. Report of Committee, Legal Education (raising of standard of Preliminary Examination for Solicitors advocated). *See Solicitors' Journ.*, 1910, Feb. 26 : 310.

1912. Annual Report, Legal Education (Recommendations as to exemption from one year's service under articles. etc.). *See Solicitors' Journ.*, 1913, Mar. 29 : 393.

SHEFFIELD EDUCATION COMMITTEE, EXAMINATIONS TEST, ETC., *see under* A.M.A., 1930 ; *Educn*, 1923, 1927 ; *Journ. Educn*, 1929 ; Sadler, Sir Michael, 1903 ; *Sch.-mstr*, 1932 ; *Teach. Wor.*, 1922 ; *T.E.S.*, 1922.

SHURLOCK, F. W., *see under* Assn Tech. Inst., 1912.

SHUTTLEWORTH, ALFRED, *see under* *Journ. Educn*, 1928.

SIBLY, F. A., *see under* Inddept Sch. Assn, 1916.

SIDDONS, A. W., *see under* Math. Assn, 1928.

SIDMONS, A. T., *see under* B. of E., Special Reports, 1900.

SIMMONS, C., *see under* *Prep. Sch. Rev.*, 1906.

SIMON, T., *see under* Eug. Educn. Soc., 1914.

SIMPSON, S. G., *see under* Percy, Lord Eustace, 1932, Yr Bk.

SIR RICHARD STAPLEY EDUCATIONAL TRUST, *see under* *Progress*, 1924.

SLEIGHT, W. G.

1915. Educational Values and Methods based on the Principles of the Training Process, Chap. X, Modifications of Curriculum, 287 *seqq.* (danger of the work of the primary school being subordinated to the aim of obtaining scholarships). (Clarendon Press : Oxford.)

SLEPCHENKO, MR., *see under* *Mod. Lang. Teach.*, 1917.

SMALL, J. C., *see under* N. of Eng. Educn Conf., 1929.

SMALL, EVAN W., *see under* Assn Asst Mstrs, 1910.

SMALL, LAWRENCE, *see under* Assn of T. in Tech. Inst., 1914.

SMITH, A., *see under* *Journ. Educn*, 1925.

SMITH, ADAM, *see under* Gen. Hist. Educn, 1776.

SMITH, ARNOLD, *see under* A.M.A., 1912.

SMITH, C. M., *see under* Conf. Educnl Assns, 1928.

SMITH, D. NICOL, *see under* Cong. Univ. Emp., 1931.

SMITH, E. SHARWOOD, *see under* Conf. Educnl Assns, 1915 ; *Journ. Educn*, 1925 ; *Teach. Guild*, 1915.

SMITH, FRANK, *see under* B. of E., Educational Pamphlets, No. 63, 1928 ; N. of Eng. Educn Conf., 1929.

SMITH, H. BOMPAS.

1927. *The Nation's Schools: their task and their importance*, Chap. IX, Examinations. (Longmans, Green & Co.: London.)

Education at Work, Chap. V. *The Work of the Joint Matriculation Board of the Northern Universities* (J. M. Crofts). (Longmans, Green & Co.: London.)

See also under B.A., 1907 ; *Sch. Wor.*, 1907.

SMITH, I. J., *see under* *Univ. Rev.*, 1930.

SMITH, J. C., *see under* Conf. Exams, 1931 ; Imp. Educn Conf., 1923 ; Wales : Carnarvonshire Educn Cttee, 1911 ; Gen. Hist. Educn, 1932, *Scott. Educnl Journ.*

SMITH, J. LORRAIN, *see under* Brit. Med. Assn, 1920.

SMITH, L. CECIL, *see under* *Journ. Car.*, 1927.

SMITH, NOWELL C., *see under* *Prep. Sch. Rev.*, 1927 ; Par. Assn, 1930.

SMITHELLS, ARTHUR, *see under* Brit. Med. Assn, 1920 ; *Sch. Sci. Rev.*, 1924.

SOCIALIST MEDICAL ASSOCIATION.

1932. Meeting, May 20, Presidential Address (Somerville Hastings), Some Thoughts on Medical Education, 1214, Compulsory State Examinations for Specialists advocated.

SOCIETY OF BRITISH GAS INDUSTRIES.

1932. Meeting, May 26, Presidential Address (Rt. Hon. Lord Eustace Percy), How to Economise in Education (The School and Scholarships: the school . . . the proper agency for the selection of the scholars at the beginning of their education and for estimating their capacities at the end). *See also* *Educn*, 1932, June 3: 634.

SOCIOLOGICAL SOCIETY.

1906. Sociological Papers. The School in some of its Relations to Social Organisation and to National Life, 127, Secondary School work . . . sterilised by too much thought about examinations (Sir Michael Sadler).

SODDY, FREDERICK, *see under* *Nature*, 1920.

Solicitors' Journal.

1918. Oct. 12 : 819-820, Legal Education : The Rival Claims of Study and Practice (the stringency of examination must relax and the test of experience must determine).

SOLICITORS' MANAGING CLERKS' ASSOCIATION.

1921. Meeting, Nov. 9, President's Speech in reference to Bill promoted by Law Society for the purpose of making further provisions with respect to the qualifications of persons proposing to become Solicitors (Examination Tests, Articled Clerks, etc.). *See also* *Law Times*, 1921, Nov. 19 : 334-335.

SONNENSCHN, A., *see under* Gen. Hist. Educn. 1885.

SONNENSCHN'S CYCLOPAEDIA OF EDUCATION, *see under* Fletcher, Alfred Even.

SOUTH AFRICA.

Board of Education, 1901, Special Reports. Vol. 5, Educational Systems of the Chief Colonies of the British Empire. 135 *seqq.*, Cape Colony (Examinations), 200, 203, 206, Natal (Examinations).

See also Percy, Lord Eustace, Yr Bk. 1932, 627 *seqq.* (E. G. Malherbe); *and under* B.A., 1929; Fed. Conf. Educn. 1907; Gen. Hist. Educn, 1924, Chambers's Encycl.

SOUTHAMPTON COUNTY COUNCIL, *see under* Sadler, Sir Michael, 1904.

SOUTHERN RHODESIA, *see* Percy, Lord Eustace, Yr Bk. etc., 1932, 740 *seqq.* (J. B. Brady).

SPANISH, EXAMINATIONS IN, *see under* Journ. Educn, 1930.

SPEARMAN, C. E., *see under* Conf. Exams. 1931; Eug. Educn Soc., 1914; Hamilton, E. R., 1929.

Spectator, The.

1901. Sept. 14: 347, Blunders in Examinations.

1907. July 27: 119-120, 157, 195, 228. Reform in Examinations; Scheme at Clayesmore School, Pangbourne.

1910. Jan. 22: 128-9, Public School Education (A General Leaving Examination) (Rhodes K. Calvert).

1928. Sept. 15: 317, The Curse of Examinations.

1932. Dec. 2: 789. Curricula and Careers (a modern side to the School Certificate wanted) (Bryan Curling); Dec. 30: 909-910, Examinations (H. L. O. Flecker).

SPENCER, FREDERIC, *see under* Conf. Educnl Assns, 1930; Mod. Lang. Assn, 1930.

SPENSER, H. J., *see under* Assn H.-mstrs, 1912; School, 1904.

SPIKES, W. H., *see under* B. of E., Sec. Sch. Exams Council, 1932.

STAINER, W. J.

1929. The Measurement of Progress: a Study of Term Examinations. Chap. I, The Scatter of Measurements, Chap. II, Preparation for the Examination. Chap. III, Marking the Scripts. Chap. IV, After the Examination. (Harrap & Co., Ltd.: London.)

See also under Forum Educn, 1925.

STALLARD, H. FRAMPTON, *see under* Prep. Sch. Rev., 1903.

STANTON, O. M., *see under* Math. Gaz., 1926.

STAPLEY EDUCATIONAL TRUST, *see* Sir Richard Stapley Educational Trust.

STARLING, ERNEST H., *see under* Committee appointed by the Prime Minister, 1918; Newman, Sir George, 1918.

- STATISTICAL METHODS, see under *Ind. Math. Soc. Journ.*, 1922; *J.S.S.*; Rugg, Harold O., 1921; Schuster, Edgar, 1907.
- STEAD, H. G., see under *Forum Educn*, 1923; *Journ. Educn*, 1926.
- STEEL, JAMES H., see under *Scott. Educnl Journ.*, 1929, 1931.
- STEPHENS, H. MORSE, see under *Add.* (p. 141).
- STEPPAT, MARGARET, see under *Germany: Journ. Exper. Ped.*, 1921.
- STEVENS, E. H., see under *Percy, Lord Eustace*, 1932, *Yr Bk*.
- STEVENS, F. BENTHAM, see under *Law Journ.*, 1908.
- STEWART, GEORGE, see under *Gen. Hist. Educn.*, 1927.
- STEWART, H., see under *Cong. Univ. Emp.*, 1931.
- STONEMAN, A. M., see under *Journ. Educn*, 1923; *N. of Eng. Educn Conf.*, 1920.
- STRONG, J., see under *Educnl Rec.*, 1912; *Gen. Hist. Educn*, 1909; *Scotland: B.A.*, 1912, *Educnl News*, 1914, *Sch. Wor.*, 1912, *Strong, J.*
- STRONG, T. B., see under *New Zealand*, see also etc.
- STRUDWICK, ETHEL, see under *Assn H.-mstrsses*, 1923.
- STRUTHERS, SIR JOHN, see under *Scotland: Educnl News*, 1911.
- STUART, C. M., see under *Sch. Wor.*, 1910.
- STURT, MARY, see *Oakden, Ellen C.*
- SUTCLIFFE, A., see under *Sch. Sci. Rev.*, 1928.
- SUZZALLO, HENRY, see under *Conf. Exams*, 1931.
- SWALLOW, R. W., see under *China: Ind. Educn*, 1908.
- SWEDEN, see *Percy, Lord Eustace, Yr Bk*, 1932, 903 *seqq.* (P. B. Coles); and under *A.M.A.*, 1932; *B. of E.: Reports (Various)*, 1930, *Spec. Repts*, 1907; *Lancet*, 1911 (*Examinations in Medicine*); *P.N.E.U.*, 1906; *Sch.-mstr*, 1929.
- SWITZERLAND, see under *B. of E., Reports (Various)*, 1930; *Conf. Exams*, 1931; *Prep. Sch. Rev.*, 1932; *T.E.S.*, 1928.
- TANNER, MISS, see under *History*, 1932.
- TATE, FRANK, see under *Australia*, see also etc.
- TAYLOR, FRANK, see under *N.U.T.*, 1913.
- Teachers' College Record*.
1930. Nov., 123 *seqq.* *The Outlook in Secondary Education. II. Youth and Tests* (Sir Michael Sadler).

TEACHERS' GUILD.

1915. Annual General Meeting, Jan., The Board of Education and Leaving Examinations for Secondary Schools: a Paper read by E. Sharwood Smith. See also *Journ. Educn*, 1915, Feb., 120; *Sch. Wor.*, 1915, Feb., 48-52.

Memorandum of Proposals for Examinations in Secondary Schools (Circular 849). See also *Educn*, 1915, Oct. 15: 183 *seqq.*; *Mod. Lang. Teach.*, 1915, Oct., 172 *seqq.*; *Sch. Gov. Chron.*, 1915, Sept. 18: 187, 205-206; *Sch. Wor.*, 1915, Oct., 285-286; *Sec. Educn*, 1915, Sept., 80 *seqq.*; *T. G. Quart.*, 1915, Dec., 1 *seqq.*

1917. Education Reform Council (Chairman: A. N. Whitehead), Report, 173 *seqq.*, Examinations, Methods of selecting Candidates for Scholarships and Public Appointments, Promotion of Pupils (P. S. King & Son, Ltd.: London).

See also under Conf. Educn Assns, 1904, 1915, 1920, 1921; N. of Eng. Educn Conf.; *T. G. Quart.*

Teachers' Guild Quarterly, The.

1911. June 30: 27, 29, The Relation of School to University (School Leaving Certificate) (S. R. James, H. Busk).

See also under Tchrs Guild.

TEACHERS' REGISTRATION COUNCIL.

1915. Memorandum on Examinations in Secondary Schools: Board of Education Circular 849. See also *Sch. Gov. Chron.*, 1915, Nov. 20: 328; *Sch. Wor.*, 1915, Sept., 342-343; *Sec. Educn*, 1915, Sept., 85.

1930. Memorandum on Examinations in Secondary Schools. See also *Educn Outl.*, 1930, May, 165.

See also Conf. Exams Sec. Sch.; Conf. H.-mstrs.

Teachers' World, The.

1922. Nov. 15: 370, The Sheffield Examination Test: A full account of the famous test; its origin and results.

1924. Feb. 1: 910 *seqq.*, Mental Tests: an Inspector's point of view (Hilary Human).

TECHNICAL EXAMINATIONS, *see under* Assn of Local Educn Auth.; Assn T. in Tech. Inst.; Assn Tech. Inst.; B. of E., Reports (Various), 1928; Central Schools; Fed. Conf. Educn, 1907; Gen. Hist. Educn: 1878, Livery Companies of London, 1897, Internat. Cong. Tech. Educn; *Journ. Educn*, 1926; N. of Eng. Educn Conf., 1929; Percy, Lord, Eustace, Yr Bk, 1932; Russia: Sadler, Sir Michael, 1905 (Liverpool); *Sch.-mstr*, 1932; *T.E.S.*, 1927, 1929, 1932; *Tech. Journ.*; West Riding Assn of O.M. for T.E.

TECHNICAL INSTITUTIONS, ASSOCIATION OF, *see under* Assn, etc.

TECHNICAL INSTITUTIONS, ASSOCIATION OF TEACHERS IN, *see under* Assn, etc.

Technical Journal, The.

1919. May, 29-33, City and Guilds of London Institute, Circular to the Secretaries of Local Education Authorities *re* Technological Examinations.

Technical Journal, The—Cont.

1923. Jan., 20-22, National Certificates and Diplomas of the Inst. of Mech. E. (A. F. Macconochie); Apr., 100-101, National Certificates and Diplomas of the Institution of Elec. Engineers (Walter M. Wilcox); May, 114-118, Alternative Matriculation for Part-Time Technical Students (Paper read at the Annual General Meeting, Burnley Municipal College, Mar. 1) (W. Munn Rankin).
1926. Jan., 7-10, Examinations and Certificates, 776 and after (J. Paley Yorke); Feb., 27-28, The Report on Minor Course Examinations.
1932. Mar., 87, Mr. Ramsbotham at Hayes (trials and tribulations of external examination system); Dec. 15 : 289, City of Birmingham Apprenticeship Certificate (D. Sterling Anderson).

TECHNICAL SCHOOLS EXAMINATION COUNCIL, MANCHESTER, *see under Assn of T. in Tech. Inst.*, 1919.

TEMPLE, WILLIAM, ARCHBISHOP OF YORK, *see under Sch.-mstr*, 1930.

TERMAN, LEWIS M.

1919. The Measurement of Intelligence: an Explanation of, and a Complete Guide for the use of the Stanford Revision and Extension of the Binet-Simon Intelligence Scale; with an Introduction by J. J. Findlay. (G. G. Harrap & Co.: London.)
1921. The Intelligence of School Children. (G. G. Harrap & Co.: London.)
1922. Intelligence Tests and School Reorganisation: prepared as a Sub-Committee report to the Commission on Revision of Elementary Education (Ed. J. M. Terman, U.S.A. Nat. Teach. Assn.).

TERMINAL EXAMINATIONS, *see under Hayward, F. H.*, 1907; *Par. Rev.*, 1906.

TERRY, CHARLES SANFORD, *see under History*, 1912.

THILLY, FRANK, *see under Germany*: Paulsen, Friedrich, 1906.

THIRD, J. A., *see under Scotland*: Scott. Educn Dept., Circular No. 44.

THOMAS, E. R., *see under B.A.*, 1929; Conf. Educnl Assns, 1929; Durham University; *Journ. Educn*, 1925.

THOMAS, TERRY.

1930. The Science of Marking. (John Murray: London.)
- See also under Ninet. Cent.*, 1929.

THOMPSON, J., *see under Journ. Educn*, 1925.

THOMPSON, T. W., *see under Assn Asst Mstrs*, 1919.

THOMSON, C. LINKLATER, *see under Sch. Wfor.*, 1918.

THOMSON, GODFREY H.

1924. Instinct, Intelligence and Character, Chap. XVIII. Intelligence Tests, Chap. XIX, Achievement Tests. (G. Allen & Unwin: London; Longmans & Co.: New York.)

See also under Brit. Journ. Educnl Psych., 1932; *Brit. Journ. Psych.*, 1921; Conf. Educnl Assns, 1927; Conf. Exams, 1931; *Educnl Res.*, 1927; *Forum Educn*, 1926; Germany: *Brit. Journ. Psych.*, 1920.

Times Educational Supplement—Cont.

1924. Jan. 5 : 9, Admission to Secondary Schools : Report on Middlesex Examinations (Sir B. S. Gott); Feb. 16 : 65, Entrance Examinations abolished; Mar. 15 : 111, The Now Examiner : Lecture to the Child Study Society, March, 1924 (P. B. Ballard); July 26 : 329, Mental Tests; Sept. 13 : 381, The New Tests.
1925. Jan. 3 : 3, Local Examinations; July 25 : 327, Examinations : Is the present craze justifiable by its present or prospective results?; Aug. 22 : 365, Aug. 29 : 373; Sept. 5 : 381, Leaving Examinations; Oct. 24 : 444, External Examinations.
1926. Nov. 20 : 494, Testing School Children.
1927. Jan. 15 : 31, London Conferences : Protests against examinations; Feb. 5 : 67, A Now Examination (J. D. Day); Apr. 23 : 196, National Certificates (Technical Schools); Oct. 1 : 441, Leaving Examinations; Nov. 5 : 502, Nov. 26 : 535; Dec. 3 : 544, Examinations for Part-Time Students (Cadogan Committee, Association of Technical Institutions, etc.); Nov. 26 : 537, The Examination Controversy (Association of Education Committees and National Union); Dec. 17 : 570, Examinations in Elementary Schools.
1928. Jan. 28 : 40; Feb. 4 : 55, First School Certificate (Correspondence); Mar. 10 : 115, May 26 : 232, Modern School Examinations; Feb. 18 : 81; Apr. 21 : 165, Apr. 28 : 184, The Higher School Certificate : Discussions in secondary schools and universities; Mar. 24 : 137, The Examinations Inquiry (Public Elementary Schools); Mar. 24 : 137; Apr. 14 : 162; July 14 : 315, First School Examination : Decision of Board of Education; July 28 : 337, The Nightmare of Examinations; Aug. 4 : 341, Examinations on the Defensive; Sept. 29 : 413, A Substitute for Examinations; Oct. 27 : 466, Headmaster (of Wolverhampton) on School Certificate Examination; Nov. 17 : 503, Examinations in Switzerland; Nov. 24 : 512; Dec. 1 : 527, Dec. 8 : 539, Internal and External Examinations (Correspondence); Dec. 15 : 545, Examinations in Primary Schools; Dec. 29 : 561-2, School Certificate Music.
1929. Jan. 5 : 9, Technical Schools : Examination Problems for Part-Time Students; Feb. 2 : 56, Competitive Examinations (B. C. Wallis); Mar. 23 : 133-4, Matriculation : an alternative plan (by an Assistant Master), Mar. 30 : 147; Apr. 20 : 76, Viva Voce Examinations; Mar. 16 : 130, The First Examination (H. W. Household); Apr. 13 : 167, School Examinations : a reply to Mr. Household; May 25 : 233, Examinations Good and Bad (P. B. Ballard); June 22 : 281, 288, Reform in French Examinations (School Certificate Examination); July 27 : 341, School Certificate Examination : difference between organization of Education in Secondary Schools of Germany and England (F. S. Young).
1930. Feb. 1 : 41, Feb. 15 : 68; Sept. 27 : 405; Dec. 13 : 497, Awarding the School Certificate; Mar. 8 : 108, Examination Reform : separation of the First School's Examination from Matriculation, etc.; March 29 : 137, External Examinations : A Compromise; Apr. 19 : 178, Examinations for Part-Time Students; May 10 : 205, Uses and Abuses of Examinations; June 30 : 259, June 21 : 279, The New Discipline : Examinations (F. A. Cavenagh); Sept. 20 : 401, School Certificate Examination : Co-ordination and Revision; Oct. 4 : 413, Ex-

Times Educational Supplement—Cont.

Howell), 432, Entry to Secondary Schools (H. Ramsbotham at Leighton Buzzard), 433, Foreign Languages (Secondary School Examinations); Nov. 20: 441, Future of Secondary Schools, Entry to Secondary Schools (C. P. Hines), Foreign Languages (E. L. Tiano); Dec. 3: 447, Foreign Languages (Junior Technical Schools) (Elsa M. Horn), Examinations in Technical Schools (Herbert P. Williamson), 450, School Certificate for Girls, Dec. 17: 466, School Certificate French (E. L. Tiano), Dec. 24: 474, Admission to Training Colleges, Dec. 31: 480, Matriculation and the School Certificate (A. B. Mayne), School Certificate Classics (George Van Raalte).

TITTERTON, J., see under *Mod. Lang. Teach.*, 1917.

TOBAGO, see Percy, Lord Eustace, Yr Bk, 1932, 779 *seqq.* (F. C. Marriott).

TODD, JOHN A., see under *Assn Tech. Inst.*, 1931.

TODMORDEN EDUCATIONAL GUILD, see under *L.C.C.*, 1912.

TRADE SCHOOLS AND SCHOLARSHIPS, see under *B. of E.*, Pamphlets, 1932, No. 91; *Sch. Gov. Chron.*, 1932.

TRAINING COLLEGES, EXAMINATIONS FOR ENTRANCE TO, see under *Assn H.-mstrs.*, 1925, 1926; *B. of E.*, Circulars.

TREASURY, H.M.

1917. Report, dated June 20, of the Committee appointed by the Treasury to consider and report upon the Scheme of Examinations for Class I of the Civil Service (H.M. Stationery Office: London). See also *Nature*, 1917, Aug. 9: 473-476; and under Hartog, Sir Philip, 1918.

TREGEAR, W. T., see under *Sch.-mstr*, 1927.

TRESILIAN, FRED, see under *B. M. Journ.*, 1919.

TREVELYAN, SIR CHARLES, see under *Gen. Hist. Educn*, 1854.

TRINIDAD, see Percy, Lord Eustace, Yr Bk, 1932, 779 *seqq.* (F. C. Marriott).

TROTTER, ELEANOR, see under *Welsh Sec. Sch. Rev.*, 1927.

TROWER, SIR WALTER, see under *Gen. Hist. Educn*, 1922, *Law Journ.*

TUKE, JOHN BATTY, see under *B. M. Journ.*, 1902.

TURKEY, see Percy, Lord Eustace, Yr Bk, 1932, 971 *seqq.* (M. Ishan Bey).

TURNER, F. W., see under *Sch. Sci. Rev.*, 1928.

TWENTYMAN, A. E., see under *Mod. Lang. Assn*, 1929.

ULICH, ROBERT, see under *Conf. Exams*, 1931.

UNION OF EDUCATIONAL INSTITUTIONS.

1932. Annual Meeting, October, Address (Lord Eustace Percy) (Examination system by which primary school is dominated by entrance examination into secondary schools, and secondary school dominated by examination for the School Leaving Certificate, wresting whole school system out of shape). *See also* *Educn*, 1932, Oct. 21 : 381 ; *Journ. Educn*, 1932, Dec., 813-814.

UNITED STATES, *see* America.UNIVERSITIES OF THE EMPIRE, CONGRESS OF, *see* under Congress, etc.*Universities Review, The.*

1929. Oct., 23-28, Examinations and Education (H. J. Fleure).
 1930. Oct., 4 *seqq.*, University Entrance Examinations in the Understanding of the Use of English (I. J. Smith).
 1931. Oct., 13, What is wrong with the Modern Universities ? Awarding of scholarships on the basis of performance in the examination for the Higher School Certificate, 16, Complaint of teachers in modern Universities that . . . value of instruction is measured by its usefulness for examination purposes (E. R. Dodds).
 1932. Apr., 106, What is wrong with the Modern Universities ? Universities . . . distort the work of the schools by their examination requirements (J. F. Duff), 126-128, Jerusalem Letter, First Final Examinations and granting of Degrees (L. Roth).

University Review, The.

1905. May, 5 *seqq.*, Universities and Examinations (Sir Arthur Schuster) ; July, 294 *seqq.*, Universities, Schools, and Examinations (Sir Philip Hartog).
 1908. July, 344 *seqq.*, Remarks on Matriculation Examinations (Sir Oliver Lodge).

UNSTEAD, J. F., *see* under Conf. Educnl Assns, 1915.VACCHA, D. H., *see* under *Ind. Educn*, 1908, 1909.VAILE, P. A., *see* under New Zealand : N.Z. Educn Dept.

VALENTINE, C. W., in collaboration with W. G. EMMETT.

1932. The Reliability of Examinations : an enquiry with special reference to the Entrance Examinations to Secondary Schools, the School Certificate Examination, and the Award of Scholarships at Universities, Pt. I. General Causes of the Unreliability of Examinations with special reference to the School Certificate Examination ; Pt. II. The Entrance Examination for Secondary Schools ; Pt. III. The Reliability of the Award of Entrance Scholarships at the University. (University of London Press. Ltd. : London.) *See also* *Brit. Journ. Educnl Psych.*, 1932, Nov., 353 (Review, Sir T. P. Nunn) ; *Sch. Guar.*, 1932, Nov. 19 : 3.

VARLEY, W. MANSEIGH, *see* under Assn Tech. Inst., 1921.VASSALL, ARCHER, *see* under Sci. Mstrs Assn, 1921.

VAUGHAN, GERTRUDE, see under *Educn Oull.*, 1926.

VELEMINSKY, KAREL, see under *Czechoslovakia*.

VOCATIONAL TESTS, see under *Bibliographies* (p. xvii), 1928, 1933; *Birm. Educn Cttee*, 1932; *Child Study Soc.*, 1921-1922; *Hum Fac.*; *Indus. Fatigue Res. Bd.*, 1926; *Journ. Car.*; Lee, Edwin A., 1928; McCall, William A., 1922; *Nat. Inst. Indus. Psych. Journ.*; Schuster, Edgar, 1907; Schuster, Edgar and Ethel M. Elderton, 1907.

WAITE, H., see under *Biom.*, 1911 (July)-1912 (Jan.).

WAKEFIELD EDUCATION COMMITTEE, see under *Educn*, 1928.

WALES.

Board of Education, Welsh Department: Official Publications.

Entrance Tests for Admission to Secondary Schools (Wales), Memorandum No. 2.

Circular 164. State Scholarships (Wales) tenable at Universities, 1926, etc.

Form 1 U. State Scholarships (Wales) tenable at Universities, Description and Conditions, April, 1921, 1924, 1925, 1926.

Circular 1166 to Local Education Authorities and Secondary Schools (Continuance of recognition of the First Examination, etc.), 1920.

Report of the Board of Education under the Welsh Intermediate Education Act, 1889 (Annual).

Report of the Departmental Committee on Rural Education in Wales, 1927-1929, 101-103, Matriculation Examination, 1930. See also under *Welsh County Sch. Assn*, 1929.

Report of the Departmental Committee on the Organisation of Secondary Education in Wales (Cmd. 767), 1920. See also *A.M.A.*, 1920, Mar., 33.

Carnarvonshire Education Committee.

1911. *Welsh Education: a Report presented to the Carnarvonshire Education Committee* (the best methods of transferring the best products of the Elementary Schools into the Intermediate Schools; Overpressure . . . its causes and remedies; the position of examination and inspection in the Welsh System; suggestions as to the Central Welsh Board Examinations (J. C. Smith). See also *Co. Sch. Rev.*, 1911, Vol. 3, No. 2, Dec., 248 seqq.

Central Welsh Board.

1916. *To-day and To-morrow in Welsh Education: a Referendum addressed to Welsh Education Authorities . . . an analysis of Current Problems with some suggestions for their solution*, 11, 12, 15, 60, Examinations.

See also under *Assn Asst Mstrs*, 1931; *Co. Sch. Rev.*, 1910; *Journ. Educn*, 1925; Hughes, R. E., 1902; *Journ. Educn*, 1909, 1911, below; Percy, Lord Eustace, *The Year Book*, 1932, below; *Welsh County Sch. Assn*, 1909, 1912, below.

WALES—Cont.

Journal of Education.

1909. June, 402-3, Wales: Central Welsh Board and overpressure; Higher Certificate; Inspection and Examination.
 1911. Sept., 616, Central Welsh Board: Examinations' Policy.
 1930. Dec., 903, Welsh Secondary Schools and Homework (in relation to School Certificate Examinations).
 1932. July, 504, Examinations in Wales.

Llandudno Conference.

1905. Resolutions re Examination of Scholars. See also *Sch.-mstr.*, 1905, Jan. 7: 16.

Percy, Lord Eustace.

1932. The Year Book of Education, 120 *seqq.*, The English and Welsh School System (Examinations), 203, 441, The Central Welsh Board.

*Royal Commission on University Education in Wales, 1st, 2nd and Final Reports, Appendices, with Minutes of Evidence and Index, 1917, 1918 (For various sections on Examinations, see Index). See also under Co. Sch. Rev., 1916.**School Government Chronicle.*

1922. Dec. 2: 318-320, The Question of a Common Examination for Entrance to Secondary Schools in Wales.

Solicitors' Journal.

1923. Nov. 10: 106-107, The Teaching of Law in Wales (Welsh University Colleges and the Examinations of the Law Society, etc.) (Fred Llewellyn Jones).

*Technical Examinations, see under Association of Technical Institutions, 1925.**Times Educational Supplement.*

1914. Aug. 4: 127, Wales: Report on Intermediate Schools: The Examination System; Dec. 1: 200, Wales: The Secondary School System; the system of Examinations.
 1927. June 18: 282, Wales: The School Certificate; Dec. 24: 574, Wales: Higher Certificate Examinations.
 1928. Mar. 31: 142, Wales: The Higher Certificate.
 1930. Feb. 1: 42, Wales: More Examinations (The School Certificate Question).

Welsh County Schools Association.

1909. Annual Meeting, Mar. 26 and 27, Presidential Address (F. P. Dodd), Review of Educational Questions in 1908, (7) Examinations. See also *Co. Sch. Rev.*, 1909, Vol. 1, No. 1, June, 17.
 Meeting, Nov. 6, Presidential Address (F. P. Dodd), Education in Welsh County Schools: The Higher Certificate of the Central Welsh Board; Getting rid of Examinations. See also *Co. Sch. Rev.*, 1909, Vol. 1, No. 2, 47-48.
 1911. General Meeting, Oct. 27 and 28, The Teaching of English in Welsh Secondary Schools; Public Examinations (E. L. Renault); Correlation of Examination and Inspection (A. J. Perman). See also *Co. Sch. Rev.*, 1911, Vol. 3, No. 2, Dec., 268, 271.

BIBLIOGRAPHY OF REFERENCES

WALES—Welsh County Schools Association—*Cont.*

1912. Conference between Representatives of the Central Welsh Board and the Welsh County Schools Association on Correlation of Inspection and Examination. See also *Co. Sch. Rev.*, 1912, Vol. 3, No. 3, Dec., 290.
1915. General Meeting, May 7 and 8, The Junior Certificate Examination (M. I. Mason). See also *Co. Sch. Rev.*, Vol. 7, No. 1, July, 15-20, Dec., 46-48.
1916. Annual Meeting, Nov. 3 and 4, Address on the Educational Problems of Wales (Examinations). See also *Co. Sch. Rev.*, 1916, Vol. 7, No. 5, Dec., 232.
1918. Annual Meeting, Nov. 22 and 23, Co-ordination of Examinations in Secondary Schools (A. Jones). See also *Co. Sch. Rev.*, 1918, Vol. 9, No. 1, Dec., 87.
1920. Departmental Committee on Rural Education in Wales: Statement by R. E. Owen on behalf of the Welsh County Schools Association (Examinations). See also *Welsh Sec. Sch. Rev.*, 1920, Vol. 15, No. 1, Lent Term, 4.
- See also *County Sch. Rev.*; *Welsh Sec. Sch. Rev.*

Williams, Gwladys Perrie.

1918. Welsh Education in Sunlight and Shadow, Chap. II, 8 *seqq.*, Secondary Education (the external results of the Certificate Examinations dominate the whole trend of teaching throughout the School, Intelligence is everywhere measured in terms of academic success, etc.), Chap. III, 105, University of Wales (system of external examinations is the greatest barrier of all to the progress of our University), Chap. IV, What it might be, 126 *seqq.*, Examinations in France, Examinations in French. (Constable & Co.: London.)
- See also under A.M.A., 1915; B. of E., Reports (Various), 1930; Fed. Educn Cttes (Wales and Monmouthshire); Gen. Hist. Educn: 1902, De Montmorency, 1903, Sch.-mstrs Yr Bk, 1924, Chambers's Encycl, 1925, Birehenough; Hughes, R. E., 1902.

WALKER, DAVID A., see under *Brit. Journ. Psych.*, 1931.

WALLAS, GRAHAM, see under Conf. Exams, 1931.

WALLIS, B. C.

1927. The Technique of Examining Children: a Quest for Capacity, I. Traditions in Examining, II. The Break-away from Tradition, III. The Modern Examiner, etc., XI. Scholarship Examinations and the elementary schools. (Macmillan & Co.: London.) See also A.M.A., 1927, June, 180; Oct., 270-271; Sept., 246.
1928. Mass Methods of Examining Children: some fundamental considerations. (Printed for private circulation.) See also A.M.A., 1929, Jan., 52; *Nature*, 1928, Dec. 29: 1013.
1931. The Measurement of Ability in Children. (Oxford University Press: London.)
- See also under B.A., 1927; *Forum Educn*, 1930; New Educn Fell., 1931; Brit. Comm. Educn Conf.; *Sch.-mstr*, 1931; *T.E.S.*, 1929, 1930.

WALMSLEY, A. M., see under *Journ. Educn*, 1930.

WALSH, W. T. H., *see under* Conf. Educnl Assns, 1904.

WALTON, W., *see under* Educn, 1928, 1932; *Sch. Wor.*, 1910; *Sch.-mstr.*, 1918, 1928, 1929.

WARD, B. R., *see under* P.N.E.U., 1907; *Par. Rev.*, 1902.

WARD, FRANK L., *see under* Nature, 1902.

WARD, HERBERT.

1931. Notes for the Study of English Education, 1900 to 1930. 56. 68-70, Examinations. (G. Bell & Sons: London.)

See also under Gen. Hist. Educn., 1931.

WARD, HERBERT, and FRANK ROSCOE.

1928. The Approach to Teaching. Chap. XIII. Preparation and Examinations. (G. Bell & Sons: London.)

WARE, FABIAN.

1900. Educational Reform: The Task of the Board of Education. Chap. VIII. The Inspection and Examination of Secondary Schools. (Methuen & Co.: London.)

WATERS, MISS, *see under* Roy. Comm. on C.S., 1912.

WATKINS, G. DAVIES, *see under* India: Educn Owl., 1928.

WATSON, A., *see under* Encycl. Brit., 1910.

WATSON, FOSTER, *see under* Encycl. and Dict. Educn; *Gentleman's Magazine*, 1905.

WATSON, W. J., *see under* Scotland: Educnl. Inst. Scot., 1903.

WATTS, FRANK, *see under* T.E.S., 1921.

WEBB, SIDNEY, *see under* Gen. Hist. Educn, 1904.

Week-end Review, The.

1932. July 2: 5-6. Over-production of Graduates (Matriculation has undoubtedly suffered from the enormous numbers who take it simply to prove the competence of their general knowledge and not with any intention of going on to a University; there should be two separate examinations: Matriculation should be restored to its proper place as the entry to a University Career).

WEEKLY EXAMINATIONS, *see under* Ind. Educn, 1909 (Evils of), 1911.

WEISS, A. P., *see under* Journ. Exper. Ped., 1912.

WELLDON, J. E. C., *see under* B.A., 1911.

WELLS, SIR S. RUSSELL, *see under* Conf. Educnl Assns, 1921.

WELLS, SYDNEY W., *see under* Journ. Educn, 1929, 1930, 1931.

WELSFORD, ROBERT MILLS, *see under* Law. Soc., 1928.

Welsh Secondary Schools Review, The.

1927. Vol. 13, No. 1, Easter Term, 30-33, A Kind of Fetish called Matriculation; No. 2, Summer Term, 62-63, School Certificate and Matriculation (F. A. Cavenagh), 67-69, The Two School-Leaving Examinations: Are they too specialised in scope? (E. T. Griffiths), No. 3, Michaelmas Term, 76-79, External Examinations (D. W. Oates), 98-100, Compensation (between Groups) (Eleanor Trotter).
1928. Vol. 14, No. 2, Summer Term, 37-43, The Higher Certificate as the University Entrance Examination (R. C. McLean).
1929. Vol. 15, No. 1, Lent Term, 12-13, Some Observations on the Secondary Education of Girls in Rural Schools, 1. The First School Examination (A. Gower Jones).
1931. Vol. 17, No. 2, Summer Term, 30-32 (School Examinations Council, School Certificate, etc.).
1932. Vol. 18, No. 1, Lent and Summer Terms, 11, Monmouthshire Association Report (County Entrance and Scholarship Examination Board), 14-19, Entrance Tests and Initial Degrees, Suggestions for the Re-organisation of School and Higher Certificate (H. M. Cameron); Michaelmas Term, 39, Employment, Supply and Demand (in many instances people who have passed through Secondary Schools and Colleges have been educated in a wrong vocation; County Exhibitions almost without exception awarded on results of the Higher Certificate Examination; many excellent exponents of certain subjects never sit for the Higher Certificate or the Entrance Scholarship Examination) (S. J. Evans), 46 *seqq.*, Welsh Secondary Schools: Yesterday and To-day (our Schools must not be reduced to factories that produce mere automatons who can boast of a School Leaving Certificate or one exempting from Matriculation) (T. I. Ellis), 51-52, Languago Instruction in Secondary Schools (Direct Method Examination Paper) (P. G. Wilson).

WELTON, JAMES.

1924. Principles and Methods of Teaching, 247, Test of Educational Value of Instruction, 25, Evils of applying Imperfect Tests, 30, General Application of Test to School work, 32, Examinations, 33, Special Application of Test to different types of School (First printed 1906. 3rd Ed., W. B. Clive, University Tutorial Press Ltd.: London).

WERTHEIMER, J., *see under* Gen. Hist. Educn, 1897, Internat. Cong. Tech. Educn.WEST KENT SCIENTIFIC SOCIETY, *see under* Nature, 1930.

WEST RIDING ASSOCIATION OF ORGANISING MASTERS FOR TECHNICAL EDUCATION.

1922. Meeting, March, Examinations in Technical and Evening Continuation Schools. *See also* Educn, 1922, Mar. 17: 175; *Sch. Gov. Chron.*, 1922, Mar. 18: 182.

WEST RIDING COUNTY COUNCIL.

- 1923-1924. Annual Report, 42-43, Secondary School Curriculum (Necessity for alternative curriculum for pupils about fourteen years of age).

WEST RIDING COUNTY COUNCIL—*Cont.*

- 1925-1926. Annual Report, 56-58, Secondary School Curricula (necessity for alternative curriculum for pupils above fourteen years of age).
- 1926-1927. Annual Report, 57, Secondary School Curricula, (alternative courses for pupils above fourteen under consideration).
- 1927-1928. Annual Report, 52 *seqq.*, Secondary School Curricula (Reports on alternative courses for pupils above fourteen and School Certificates).
1931. Annual Report, 39-42, Secondary Education, Alternative Courses (value shown by results of alternative course (engineering) at Morley Grammar School).
- See also under *Educn*, 1914, 1929, 1932; *Journ. Educn*, 1914.

WEST YORKS COUNTY ASSOCIATION.

1927. Council Meeting, Oct. 20, Professional Etiquette and Coaching for Scholarship Examinations. See also *Sch.-mstr*, 1927, Oct. 27: 763.

WESTERN AUSTRALIA, *see under* Australia.WHATLEY, NORMAN, *see under* Par. Assn, 1929.WHEELER, E. C., *see under* Brit. Psych. Soc., 1928.WHIFFLE, A. H., *see under* N. of Eng. Educn Conf., 1932.WHISH, C. A. E., *see under* A.M.A., 1932; *Educnl Times*, 1922.WHITE, E. M., *see under* *Educn*, 1915.WHITE, JESSIE, *see under* B.A., 1911.

WHITEHEAD, A. N.

1917. The Organisation of Thought, Educational and Scientific, 26, Every School is bound on pain of extinction to train its boys for a small set of definite Examinations. (Williams & Norgate: London.)

See also under Tchrs Guild, 1917, *Educn Ref. Comm.*

WHITELEY, S. DOREEN, *see under* Ellis, G. S. M.WIDNES EDUCATION COMMITTEE, *see under* *Educn*, 1932.WILCOX, WALTER M., *see under* *Tech. Journ.*, 1923.WILD, R., *see under* N.U.T., 1903.WILLEY, G., *see under* Conf. Educnl Assns, 1920.WILLIAMS, ARTHUR J., *see under* *History*, 1931.WILLIAMS, C., *see under* N. of Eng. Educnl Conf., 1912.

WILLIAMS, GWLADYS PERRIE.

1933. Junior Scholarship Tests: A series of papers set in Junior Scholarships and Free Place Examinations (G. G. Harrap & Co.: London).

See also under Gen. Hist. Educn, 1918, Wales.

- WILLIAMS, RANDALL, *see under Journ. Car.*, 1926.
- WILLIAMSON, HERBERT P., *see under T.E.S.*, 1932.
- WILLIAMSON, R. S., *see under Math. Gaz.*, 1926.
- WILSON, CECIL H. S., *see under T.E.S.*, 1932.
- WILSON, JOHN, *see under Assn T. in Tech. Inst.*, 1912.
- WILSON, LUCY, *see under Conf. Educnl Assns*, 1925.
- WILSON, P. G., *see under Welsh Sec. Sch. Rev.*, 1932.
- WINCH, W. H., *see under Child Study*, 1913, 1914, 1915.
- WINDLE, BERTRAM C., *see under Ireland: Univ. Rev.*, 1905.
- WITHERS, H. L., *see under B.A.*, 1901.
- WONDER-MOTIVE, *see under B.A.*, 1917.
- WOOD, F. A., *see under Educnl Res.*, 1929.
- WOOD, SIR HENRY TRUEMAN, *see under Gen. Hist. Educn*, 1878, *Livery Companies of London*, 1897, *Internat. Cong. Tech. Educn*, 1903 1912-13.
- WOODS, ALICE, *see under Conf. Educnl Assn*, 1920.
- WORKMAN, B.A., *see under Educn*, 1928.
- WORKMAN, W. A., *see under Insur. Inst. Lond.*
- WORTLEY, MRS. E. S., *see under P.N.E.U.*, 1906.
- WORTLEY, H. A. S., *see under N.U.T.*, 1931.
- WRIGHT, JOHN H., *see under Conf. Cath. Coll.*, 1911.
- WYATT, G. H., *see under Nature*, 1900.
- WYLIE, F. J., *see under Cong. Univ. Emp.*, 1926.
- WYNNE-EDWARDS, J. R., *see under Sch. Wor.*, 1904.
- YARDLEY, W. R., *see under Indept Sch. Assn*, 1908.
- YEAR BOOK OF EDUCATION, 1932, *see under Percy, Lord Eustace*.
- YERKES, ROBERT M., *see Yoakum, Clarence S.*
- YOAKUM, CLARENCE S., and ROBERT M. YERKES. .
 1920. *Mental Tests in the American Army—(Making the Tests, Methods and Results, the Examiner's Guide for Psychological Examining in the Army, Directions for giving the Army Mental Tests, etc.).* (Sidgwick & Jackson, Ltd.: London).

YORK, ARCHBISHOP OF, *see* Temple, William.

YORKE, J. PALEY, *see under* Assn T. in Tech. Inst., 1922, 1928; *Tech. Journ.*, 1926.

YORKSHIRE SCHEME OF LEGAL EDUCATION, *see under Law Journ.*, 1903.

YOUNG, F. S., *see under T.E.S.*, 1929.

YOUNG, R. FITZGIBBON, *see under* Czechoslovakia.

YOXALL, J. H., *see under* B. of E., Circular 849; *Sch. Gov. Chron.*, 1914.

YOXALL, J. H., and ERNEST GRAY, *see under* Gray, Ernest.

ZIA-UD-DIN AHMAD, *see* Ziyā al-Dīn Ahmād.

ZIYĀ AL-DĪN AHMĀD.

1929, Systems of Education, England, Germany, France and India, 68, English System of Examinations, 151, German System of Examinations, 203, French System of Examinations, 280, Indian System of Examinations (Longmans, Green & Co. Ltd. : London).
See also under India : Calcutta University Commission.

ADDENDUM

PUBLICATIONS BEARING ON THE GENERAL HISTORY OF EDUCATION WITH SPECIAL REFERENCE TO EXAMINATIONS

1900. Lowell, A. Lawrence, *Colonial Civil Service: The Selection and Training of Colonial Officials in England, Holland, and France; with an Account of the East India College at Haileybury (1806-1857) by H. Morse Stephens; Chap. I, 7 seqq., England: History of the Recruiting of the Indian Civil Service (the College of Haileybury), introduction of competitive examinations, the Report of Macaulay's Commission, method of conducting the examination, nature of the examination, the method of marking, the nature of the subjects, severity of the examination, cramming, etc., method of recruiting Native Officials, Special Services in India (the College at Cooper's Hill, examinations for Forestry Department, Telegraph Department, Police Force), other British Colonies in the East (examination for the Eastern Cadets), Appendix A, Report of Macaulay's Commission, Appendix B, Examinations for the Civil Service of India; Chap. II, 113 seqq., Holland: History of the Subject (the Royal Academy at Delft, the Ordinance of 1804 and the Grand Examination for Officials, the State School at Leyden, the Municipal School at Delft, the Municipal School at Leyden, etc.), the Grand Examination for Officials, the Grand Examination at Batavia—Natives and Half-Castes, criticisms made upon the present system, the Physical Examination; Chap. III, 172 seqq., France: Cochin-China, 1801-1881, the Colonial School (qualifications for admission, competitive examination, cramming, and method of marking, etc.), other methods of entering the service, etc. (appointments from Army and Navy); Chap. IV, 214 seqq., the United States: the Principles to be applied, the English system cannot be adopted here, etc., the East India College at Haileybury (Patronage System, College of Fort William, etc.). (Mummillan & Co. Ltd.: London.)*

PRINTED IN GREAT BRITAIN
BY ROBERT MACLEOD & CO. LTD.
THE UNIVERSITY PRESS, GLASGOW